THREE FULL GAMES AND ONE BRIL' UTILITY


## DF4Y

Is Crystal
Kingdom Dizzy all it's cracked up to be? Fry p. 68 for size!

## PLUS LOADS MORE...



## He Bist cowpll



BART, ARNOLD \& HULKSTER IN ONE GIANT COMPILATION
 (0) 7 C 7 - 4 己) 2

You'll keep coming back, just like the Terminator itself. Get hold of this one, it's almost as mean as Arnie!"
COMMODORE Magazine 94\%
"Variety is definitely the winning ingredient with Terminator2." COMMODORE FORMAT


## WWF* WRESTLEMANIA* <br>  <br> wrestiling games fail WWF succeeds. <br> 28010 <br> Where other

WWF is more realistic than the real thing and that's official. Brilliant presentation, convincing and colourful graphics throughout, spot on control method makes everything feel perfectly natural - a must for all WWF fans."






## GAMES

68 CRYSTAL KINGDOM DIZZY codemasters
71 BULIY'S SPORTING DARTS alternative

72 CRAZY CARS

tirus
77 Psychors
soccer sjlection
UBI SOF
78 LOCOMOTION kINGSOT

## of SPECIAL

31 SELING YOUR (SOFT)WARES So how do you go about getting a game published? You've got the ideas, the hardware and the talent but how do you make that big break? For the inside angle on getting your game in the shops see p.31.

## 341992 AND ALL THAT

A week may be a long time in politics, but in the world of computers it feels more like seven days. For a look at the highlights of the year they are already calling 1992, turn the clock back (and the pages forward) to p. 34 .

## 36 LOADMASTER MASTERCLASS

 Ensure that your datassette is loading at maximum efficiency, with our brill' Loadmaster head allignment program. The full Loadmaster instructions can be found on p. 36 .
## 38 FACE TO FACE

This month's software star is Danielle Woodyatt, Public Relations Supremo for the mighty US Gold. She reveals some of the secrets of the software trade on p. 38 .

## 42 CI'S ARTY PARTY

When we put Saracen Paint on Power Pack 25 we invited you to send in your piccies. Now we are proud to present the pick of the pixel paint pack. The picture packed pages begin on p.42.
50 LIT'S MAKE A MONSIER
Apex Productions, the creators of Creatures 2, are now two months into the production of their latest masterpiece, Mayhem in Monsterland. Find out how things are going on p. 50 .

## BECULADS

## 6 POWER PACK PACES

The only tape instructions you'll ever need

## 11 GAMEBUSTERS SPFCTAI

The COMPLETE Creatures 2 solution!

## 27 BUDCEI CAMES

Roger Frames scopes out the cheapo scene.
47 INSIDE INFO
Our techie hitman 'solves' those awkward probs.

## 52 YOUR LEIIERS

The Mighty Brain answers back!
60 PRaVIINS
Dalek Attack! Cool World! Nick Faldo!

## 64 SCANN:?

Early Warning of incoming games!
80 MAIL ORDER AND SUBS Buy bargains and order CF by post.


HAMEMASTERS elcome to the CF Christmas spectacular! Yeah, I know that there's one more issue due before Christmas (on
December 19th to be precise) but as this edition runs right up until then, we thought we'd make this one a festive issue as well.

With two Power Packs on the cover, as well as a spiffy number of pages, we hope we've catered for just about everybody on our Commodore Christmas list. There's a smart head alignment program for datassette owners, a multi-event sports game for wagglers, a tough puzzle game for thinkers and a game of senseless destruction for the all-action nutters! On the reviews front
we've got the long-awaited Crystal Kingdom Dizzy and Crazy Cars 3 out on full price, previews of Dr Who - Dalek Attack and Cool World for prognosticators, tips for techles, a budget round-up for skinflints and stacks of stunning features for all manner of folk.

If that weren't enough, we also welcome a new team member aboard the good-ship CF, a certain Miss Clare Hodgson. She'll be replacing James at the games helm, because he's scarpered off to join Future's new GamesMaster title. So it's gooday JamesMaster and howdy Clur.

Hatty Crispness everybody.

## T CAMEBUSTERS SPECIAL

Creatures 2 was the best - and most important - C64 game release
of the year. It set new standards for graphics and gameplay, both factors that helped the game sell by the wagon load. This also means, though, that there are now thousands of gamers up and down the country who are in Torture Trouble! So, in this Christmas special we devote ALL of Gamebusters to blowing the game of 1992 to smithereens.

## SELLING YOUR WARES Most gamesplayers have dreamt of writing

 own game and getting learning to draw, comSmith's. But aside from what else do you need pose or code on the essential info for aspiring to do? We detail the ess.

## FACE TO FACE

Don't be afraid to ask, we said, and you weren't! This month US Gold Public Relations chief Danielle Woodyatt answers your quezzies. What is PR? Why haven't Kixx re-released Bionic Blades 4? What's the meaning of life? You'll find the answers to all these questions (well almost all) on p. 38 .


Time for a meander down the Memory Lane that was 1992. The best bits, the silly bits and the bits that we'd all rather have forgotten about are dragged up once more on p. 34 .

## $42^{\text {cF'S ARTY PARTY }}$

Ladies and gentlemen, I am proud to welcome you to the opening of the CF Saracen Paint gallery. We have a wide collection of work on show to the public for the first time. Please open your catalogue on p. 42.


## (6) TAPE Pages



## DEMO

लaFン日R=0 BACHDAD Press ' 7 ' to start and you're on the way to mysterious old Baghdad. Pick up yer stuff, wander around and explore.
Joystick - Port 2
) Up - Enter doorway or use the item selected in your inventory
E Down - Toggle between the two items in your inventory
Silil Left - Move left
(iir) Right - Move right
C Fire - Jump

## FULL GAMES


Wiggle your mirrors to aim the beam at the balls to destroy them. Then fiddle with the shiny speculums even more to aim the power ray at the red 'home'.
Joystick - Port 2
Up - moves the box cursor up.
Down - moves the cursor down.
Knil Left - moves the cursor left, or angles the selected mirror anti-clockwise.

Right - moves the box cursor right, or angles the selected mirror clockwise.
Fire - Select a mirror to move.

## 

## MORD CAMES

Joystick - ports 1 \& 2
As there are eight sub-sections to this weird sports game, all with their own control methods, we couldn't fit all the controls into this tiny column. So you're going to have to read the main text. To start, choose the game you want to play with the joystick, press fire to select it, then 9 compete.

## THE MUNCHER

Search for eggs and eat everything.
Joystick - Ports 1 \& 2
Up-Jump, with fire to grab onto the side of a building, or fire before you jab up to munch something overhead.
E Down-Crouch and then jab fire to pick up and scoff your prey.
4inist Left-Move left.
Right-Move right.
Fire-Shoot a fire ball from Muncher's mouth to blast everthing in sight.

ALL these games and-demee dren (oad . We must be
mad. Ding dong merrily on high. There, told you so. Must be the Christmas spirit. But as we're in such a good mood, here's a festive treat - TWO Power Packs bulging with goodies. Just call us Sanity Clause.


Joystick - Port 2
Sceptre is a neat little adventure set in the days of Ali Baba and his friends. You play the Caliph of Baghdad and you've been shrunk to teeny little super guy size. You wander through the castle, hitting fire to jump on to furniture or any of the various nasties that lie in wait.

Pick up various items by clicking on them, but remember you can only carry two at a
time in your shrunken hands. But here's a hint don't put things

## "Riding along on my carpet mobile" - Chuck Berry eat yer

 heart out!


Just like the Gladiators 'Joust', only it's probably more dangerous.

Join the Alt World Games, visit intertesing places, meet smart people and be plain daft!


WRORD

57.1.111 (x-1 rin 1111114, $11+114$ tim!

## 

Joystick - Port 1 \& 2 The Ben Elton of sports games on the (brash, rude and not very funny? - Ed), Alternative (Oh, I see... 'Alternative', very witty - Ed) World Games is a mish-mash of eight highly inventive If they fixed the Leaning Tower of Pisa, do you think that people would still want to see it?

## GAMES

sports sims, from putting yourself in a hessian bag just so that you can fall flat on your face at the first shuffle, to hurling yourself uncontrollably at a solid brick wall. Loads and loads of people can join in - invite your local rugby club round for a bash, just as long as you don't run out of countries for them.

The first thing you'll see when you load up is an odd-looking parrot
 perched by a stack of records. Hit fire and he'll ask you for your name. Type in your name and hit return and you'll be asked which country you want to represent. Scroll through

# Hold down <br> SHIIF and press RUN/STOP' method. Got in? 

tape pages 0
down in awk-ward-to reach places.

The demolike intro can be skipped by holding down the space bar. "Phew," I hear your cry, "There's nothing quite as annoying as an intro that can't be skipped." However, if you're playing for the first time it's a good idea to read the text carefully - in there somewhere lies a clue!

To be magically transported to a far away land, just hit 7 on the keyboard. This is the last time you'll need this piece of equipment, because although there is an option for it on the title screen, the keyboard mode for the game is not available on this demo.

By now you should be safe and sound in Baghdad ready to explore the castle and maybe even further afield. Actually, it's not so safe, or very sound either. So, as they used to say in Hill Street Blues, be careful out there - only they were on about Washington and not downtown Baghdad!


It's the only time when getting the sack is an advantage. (Hint - Edl) (Gulp - Dave)
the flags with up and down on the joystick until you're happy with what you see. Hit fire again and continue to enter players' until everyone who's playing has been designated a team.

Next to greet your eyes will be a sports selection screen. Choose which game you want to play with the joystick, then select Compete and hit the fire button to start. - Sack Race - Push up with the joystick to launch yourself into an almighty, but unstable, leap. Left \& right will shuffle your feet, giving stable but slower progress.

## - Pile Of Plates -

Pile your plates up high before you set off by pushing the joystick up once for each extra plate you want to attempt to carry

Oh, you swine, fancy attacking me with a piece of bed-
linen. Take that

Press fire then up to start walking then control his arm with left and right taps on the joystick. - Boot Throwing - Move the joystick anticlockwise in time with the boot. Release the boot when you think it's going fast enough, at the right angle to get the furthest throw.

- River Jump - Start your little man running. If his pole starts to droop knock your joystick upwards. Press downwards when he's ready to take the great leap.
- Pole Climbing - Up-fire-down, up-firedown, up-fire-down, up-fire-down, up-fire-down, etc. Need I say more? - Run Up the Wall - Up, up, up with your 'stick, don't press down 'cos this switches on the breaks. Then press fire to launch yourself up that wall.
- Pillow Fight - Pushing the stick down shifts your pillow towards the screen, up shoves it away from the screen. Push your pillow up by hitting left or right (depending on which player you are). To hit your opponent instead of just using defence moves, hold fire down as well.
- Pogo Stick - Just pogo around the place picking up the odd orangey things as you go. Left on the joystick moves the bouncing chap anti-clockwise, right to go clockwise and push your joystick up to move in the direction you're facing.


What a way to treat ancient Roman ruins! The youth of today just have no respect!

## 

Do you have a disk drive? Handy aren't they? If you want to use it as well as admiring it, you can get copies of the Powerpack on disk for the little fellow.

To get the CF27 Powerpack on disk simply cut out the coupon from the inside of the tape inlay card. Write your name and full address on a piece of paper and send it with a cheque (payable to Ablex Audio Video) or Postal Order for £1.50 (which covers duplication, post and packaging) to:

CF27 Tape to Disk, Ablex Audio Video Ltd, Harcourt, Halesfield 14, Telford, Shropshire TF7 4QD.

8 TAPE PAGES


Joystick - Port 2
Wahay, loads of levels. Zoom through the first, walk through the second then get completely stuck on the third and not see the rest of the levels for quite some time. Twist and turn your way to connecting up with the red receiver. There are balls, power drainers, beam transporters, constantly rotating mirrors, walls and beam absorbers. What they all do is pretty self-evi-
That, as Mr Punch is won't to say, is the way to do it!

 thing it shouldn't you'll hear an awful noise and the overload indicator will suddenly start to rise.

The whole point, as I said, is to connect up with the red receiver, but first all the little silver balls have to be

There's only one way to find out what effect each obstacle has on
the beam. Try it! the beam. Try it!


The Muncher is a fabulous Rampage clone. The sort of game to play when you're in a bad mood it's got three levels of frustration-venting action in which you squash or gobble every human in sight. To
make it even more effective imagine they're the Krankies. (But I like them, they're really, really funny, I've often wet my pants while watching KYTV - James.) There are helicopters, fighter planes, tanks and mothers

The Muncher's here, better not 'Hanger around' (ouch). with push chairs to squash to oblivion. Nothing makes you feel better than a bit of mindless violence now and again, and that's exactly what you get in The Muncher. The aim is to collect all the eggs that are hidden in some very odd places. Getting in your way are some very odd people who, for some reason, instead of trying to

talk you out of destroying their city, seem to be on the hunt for a bit of lizard flesh. Bad move when the lizard is a couple of hundred times bigger than they are. But they're not totally ineffective - every time you're hit you lose a hit point. But every time you manage to gobble up a passer-by you gain a point. Run out of hit points and, as is the way with these games, you're dead. No hassle just load it again; we're sure you'll
want to. Io


BNARY ZONE
Do you remember that excellent full price game on last months Power Pack, Twin Tiger? Did you think it was the best thing since sliced bread? If you liked it and want to see more of Binary Zone's huge PD collection, then send a large stamped addressed envelope (A5 or bigger) to the address below for a catalogue: Binary Zone, 34 Portland Road, Droitwitch, Worcestershire WR9 7QW

## "It's Medi-EVIL!.."



Combining the best of strategy puzzle games with dynamic action in a medieval battleground, Rampart allows multiplayer competition in a race against the clock. So fortify your castles, place your cannons and prepare for all out battle!

Available on: Amiga • Atari ST CBM 64 Cass • CBM 64 Disc



© 1991 Tengen Inc. ${ }^{\text {TM }}$ Atari Games Corporation.



Hello and welcome to a somewhat different Gamebusters - a 13-page Creatures 2 extravaganza, all in glorious technicolour. It is Christmas after all!
Why Creatures 2? Well, quite simply, it ranks as one of the greatest C64 games EVER and is still a firm fave with the CF crew.

There was no other way of doing the game justice, so we decided to give it the complete Gamebusters treatment. So across the next 13 pages you'll find the ultimate guide to the ultimate game. Every secret is revealed, every bonus point scored, every trick exploited. If you love Creatures 2 (or even hate it because you can't crack it), you'll be amazed by what we have on offer. If you don't own the game shame on you. Perhaps this will tempt you into buying the best game of '92!

It's been torture (I can't believe you said that - Ed) to put together, but the results are (hopefully) dead impressive. Many, many thanks to John and Steve Rowlands for their contributions, patience and long telephone conversations - this feature wouldn't have been possible without them. Enough of this idle banter, there are Fuzzies to save!

If it's cheats you're after, look no further than these tasty listings. Not only do they offer infinite lives, but you can also opt for invincibility, infinite time (interludes onlv) or a limit of three Fuzzies to save on every interlude. As if that weren't enough, we've also included the relevant Action Replay POKEs and the ever-so-clever cheat mode! Now there's absolutely no excuse for being naff!


## TAPE HETINC

0 REM C2 CHBAT BY MARTIN PUGH
1 FOR X=537 TO 614:RBAD $\mathrm{Y}: \mathrm{C}=\mathrm{C}+\mathrm{Y}:$ PORE $\mathrm{X}, \mathrm{Y}:$ NEXT
2 IF C<>8545 THBN PRINT "DATA ERROR" : END
3 INPUT "INVINCIBILITY Y/N"; A\$:IF A\$="Y" THEN POKE 601,141
4 INPUT "TNFINITE TIME Y/N"; B\$:IF B\$="Y" THEN POKE 604,141
5 INPUT "EASY 2ND SCUBA
Y/N"; C\$:IF C\$="Y" THEN POKE 608,51
6 INPUT "EASY INTERLUDE Y/N"; D\$:IF D\$="Y" THISN POKE 576,66
7 POKE 157,128:SYS 537
10 DATA 032,044,247,056, 169,018,141,177
11 DATA 003,169,048,141,178,003, 169,106
12 DATA $141,179,003,032,108,245$, 072,077
13 DATA $080,169,064,141,215,192$, 169,002
14 DATA 141,216,192,032,191,003, 096,081
15 DATA $002,169,094,141,247,104$, 169,050
16 DATA $141,008,105,169,054,141$, 009,105
17 DATA $169,173,141,056,061,141$, 069,061
18 DATA $174,207,042,174,041,118$, 169,054
19 DATA $141,007,060,076,160,001$
DISK VERSION
0 REM C2 DISK CHEAT BY WAZ
1 FOR X=50432 TO 50521: READ $\mathrm{Y}: \mathrm{C}=\mathrm{C}+\mathrm{Y}$ : POKE $\mathrm{X}, \mathrm{Y}: \mathrm{NEXT}$
2 IF $\mathrm{C}<>10930$ THEN PRINT "DATA ERROR": END 3 INPUT "INVINCIBILITY
Y/N";A\$:IF A $\$=$ "N" THEN POKE 50495, 238

4 INPUT "INEINITE TIME Y/N";B\$:IF $\mathrm{B} \$=$ " N " THEN POKE 50490,32
5 INPUT "BASY 2ND SCUBA Y/N";C\$:IF C $\$=$ "N" THBN POKE 50500,54
6 INPUT "EASY INTERLUDE Y/N"; D\$
7 IF $\mathrm{D} \$=$ "N" THEN FOR $\mathrm{X}=50504$ TO 50518:POKE X, 234:NEXT
50518:POKE X,234:NEX
8 PRINT CHR\$(147); "INSERT DISK \& PRESS A KEY"
9 POKE 198, 0:WAIT 198,1:SYS 50432 10 DATA 169,001, 168,162,008, 032,186,255
11 DATA 169,001, 162,038,160, 197,032,189

## 12 DATA 255,169,

 000,032,213,255,169,039
13 DATA 141,043 , 13 DATA 141,043,
$195,169,197,141$, 044,195 14 DATA 076,064,194, 087,065,090,050,169
15 DATA $052,141,253,084,169,197$, 141, 254
16 DATA 084,076,237,082,169,000, 141,079
17 DATA $061,169,173,141,041,118$, 169, 173
18 DATA $141,207,042,169,051,141$, 007,060
19 DATA $169,094,141,247,104,169$, 050,141
20 DATA 008,105,169,054,141,009, 105,076
21 DATA 144,001

## CREATURES 2 INDEX

Stage 1 Pressed For Time Stage 2 Funky Forest*
Stage 3 It's Snow Problem
Stage 4 Frozen Frolics*
Stage 5 The 'Blubber' Family
Stage 6 Island Hoppin'
Stage 7 Acid Antics
Stage 8 Caves of Slime*
Stage 9 Meet Mr Chainsaw
Stage 10 Shivering Stunts*
Stage 11 The 'Phoenix' Family
Stage 12 Island Hoppin' 2
Stage 13 Creepy Chaos
Stage 14 Forest of Gateau*
Stage 15 Balloonacy
Stage 16 Watery Falls*
Stage 17 The 'Heinous' Family
Clyde's Weapons

* Interlude levels


## (12) GAMES TIPS



## STAGE 3 - IT'S SNOW PROBLEM



Ironically, this is much easier than the previous torture screen! From the start, jump left over the gap and walk up to point A. Face right and shoot the rock right to the
edge of the gap ( $B$ ). If it falls into the firey pit, you'll have to restart the screen. Wait at point A until Chuck the balloonist gets near. When the bird (Squawk) reaches

point C and begins to move right, drop down the Hot Dog chute. With any luck, you'll land on Squawk's head, so waggle the joystick left and right to fly up the screen. When you reach the top, walk left a little and shoot the rock as far right as possible. Avoiding Chuck, stand at point D, face right, and use a large flame on the snowball to push it into the ACME Snowball machine. If you stand still too long, Chuck will throw a snowball at Clyde, so keep moving left and right until it's safe.

When the rock drops out of the machine, it will squash Shorty in a spectacular spray of blood but there's more. Drop into the snowball machine and walk off the right hand side of the screen to enter the HIDDEN BONUS ROOM! Collect as many of the NODDING heads as possible, then drop off the bottom of the screen to get to the next
leap over the bul-
lets as well (ie, jump when Ziggy fires). When you reach point A. fire a large flame to dispose of him, but be ready to jump to avoid further bullets. Make sure you don't stand too close when you fire the large flame - you might accidentally ignite the bomb! When Ziggy is dead, collect the POTION he leaves behind to get the WIBBLER weapon. Now shoot at the bomb to knock it down to the left-hand side of the screen, then make your way to point B. Use the large flame on the bomb to ignite it, then shoot it to knock it down to point C - it will blast a hole in the scenery. allowing Clyde to descend later.

Make your way back to the starting platform and select the WIBBLER weapon. Drop down to point D and shoot at the Twin Terrors repeatedly - tap the joystick upwards to jump over the low bullets (the high ones aren't a problem). Stay as far right as possible until you have destroyed them then walk left and drop down the hole created by the bomb

## STAGE 2 FUNKY FOREST

FUZZIES TO SAVE: 8
TIME: 4 mins $/ 2 \mathrm{mins}$
EXTRA LIVES: 4
INITIAL COIN DELAYS: 17-40-25
DELAY BETWEEN COINS: 10-12-11
Confused? Check out the screenshot below.



## CHUCK

He takes a few moments to appear, but when he does, he causes may. hem (phug, plug

- The Apex Boyz), following Clyde about and dropping snowballs on his head.


BONUS COIN There are five of these. They allow experienced players to gain an extra life.


SQUAWK
Points: 75
(landing).
20 (top)
Provide transport and acts as a temporary platform.
 ROCK

Points: 140
This must be pushed (somehow) into the ACME Snowball machine to squash Shorty.

from the machine and drops them into the water (causing the water level to rise and so allowing Snapper to get even closer to the Fuzzy).


## STAGE 4 FROZEN FROLICS

FUZZIES TO SAVE: $10 / 5$
TIME: 2 mins 40 seconds/1min 20 seconds EXTRA LIVES: 2
INITIAL COIN DELAYS: 30-20-10
DELAY BETWEEN COINS: 15-10-20
And what are we on about here? Nope it's not an order for Prawn Fried Rice at the local takeaway. It's a little bit of short hand that we're using for all the Interlude stages. It's explained above in Funky Forest (Stage 2), so check that out.
room. You'll automatically exit the room if you touch a shaking head or run out of time. If you collect every nodding head, an extra life is awarded. Experienced


## (14) CAMES TIPS



## STACE 6 - ISLAND HOPPIN’ 1

Wait until the first Hoot goes right, then pick up the Fuzzy. Carry him right across the first Island (the fish isn't a problem if you stay near the water surface). Press fire to make the Fuzzy cross the island, then swim underneath to the right-hand side.

$\because$Swim carefully to the right-hand side of the island (timing your movement between Fishy and Treadwater Ted), then pick up the Fuzzy when the Hoot moves left. Now drop off the Fuzzy on the right of the level and go back for the other two.



## GAMES TIPS 15

## 16 GAMES TIPS

## STACE 7 - AMID ANTICS



The guy on the raft (Little Bob) mirrors Clyde's movements - when Clyde moves left, Bob moves left. His purpose is to catch any fuzzies that prod out of the cage.

From the start: Quickly walk up to Smudge the frog and shoot him a couple of times to knock him into the water, then stand and wait at point ' $\mathbf{A}$ '. When Mad


Max has knocked a Fuzzy on to the raft (he'll wink just before he does this). jump carefully over Flob \& Blob and head for point B. Stand on this platform and flame Squidgy a couple of times, then nip back to point A before Mad Max prods a fuzzy into the acid (if Clyde isn't on the left of the screen, the fuzzy will fall into the acid). Repeat this process until Squidgy is dead.

Collect the potion which Squidgy leaves behind to gain the MEGA DROOPY weapon, then go to point $C$ and headbutt the above platform five times to destroy it (you can now stand at point C whenever Max prods a fuzzy - it's perfectly safe!). Once the platform has disintegrated, wait until another Fuzzy lands on the raft, then drop down to point D - Smudge will move down and pick up the rock, so move back up to point C. When Flob \& Blob move right, jump up through the gap. Smudge will throw the rock through the gap. Now switch to the MEGA DROOPY weapon, drop on to the rock, then shoot it a couple

## STAGE 9 - MEET MR CHAINSAW



Creatures' answer to The Texas Chainsaw
Massacre is a pretty tough level, but you're in the right place if you want to know how to save the Fuzzies from a fate
worse than a Dannii Minogue concert. The floating platforms at the start of the screen are probably the most difficult thing to get past; when you start the

MR CHAINSAW This blood-thirsty maniac is responsible for the Fuzzy's demise, starting his onslaught when the Fuzzy drops into his pit.

FROSTY
Points: 100 (each) Hit count: 8 (each) Once killed, these chaps leave behind huge snowballs, which must be pushed on to the ACME Ram to squash Wiggy.

ZIGGY
Points: 75
Hit count: 4
Unlike his previous incarnation, this Ziggy merely leaps around the top of the screen. You don't have to kill him, but he does leave behind a tasty ZOOMERANG potion.

screen, wait until the nearest platform has risen for the third time, then quickly make your way across. Now jump up to point A and wait until Wiggy jumps forward. Jump


MAD MAX
Points: 75
Hit count: 1 rock Max prods Fuzzies out of the cage and into the acid... he must be stopped!

## $\sim$ ROCK Points: 15 (collect), 25 (throw) This is the

 vital weapon you need to kill Max.

SMUDGE Points: 25 Hits: 2 You need this toad to collect the rock from the bottom of the pool.

## PLATFORM

Hit count: 5 headbutts Clyde must headbutt this a number of
times to clear a path for the boulder.

 squibar Points: 75 Hits: 185! Stands between Clyde and the breakable platform. Leaves behind a potion.

FLOB \& BLOB Hit count: Impervious You have to jump these two, and this require precision and skill.


LItTLE BOB This guy follows Clyde left and right, and must be on the left to catch any falling Fuzzies.

FUZZIES TO SAVE: $14 / 7$
TIME: 3 mins/1min 30 seconds EXTRA LIVES: 4 INITIAL COIN DELAYS: 01-02-03
DELAY BETWEEN COINS: 12-11-10
Baffled? Check out Funky Forest. <br> \title{
STACE 8 <br> \title{
STACE 8 CAVES OF SLIME
} CAVES OF SLIME
}
of times to move it across. All you have to now is push the rock right until it falls off the edge and cracks open Max's skull - but there's more. Drop down to point D and walk off the right side of the screen to enter a BONUS ROOM (tackle it in the same way as the previousone).
 Pa

carefully over him, then rush to point D and shoot Wiggy back using the WIBBLER (keep an eye on this chap, because he's a persistant blighter- if he gets too near to the cannon, nip down and shoot him back).

Jump to point B and use the largeflame on the right


## STAGE 10 <br> SHIVERING STUNTS

FUZZIES TO SAVE: 16/8
TIME: 4 mins $/ 2$ mins
EXTRA LIVES: 3
INITIAL COIN DELAYS: 35-30-35
DELAY BETWEEN COINS: 30-20-30
What does it all mean? See Funky Forest. Frosty to turn him into something that could be bottled up and sold in Sainsbury's as Creatures Spring Water. Next you need to wait until Ziggy (strangely bereft of any Spiders From Mars) reaches point C. Use the large-flame on him and collect the potion so that you can start using your ZOOMERANG weapon. Jump across to point C and large-flame the left Frosty into a pool of steaming $\mathrm{H}_{2} \mathrm{O}$. Now jump left and shoot the snowball until it lands on the left-hand side of the ACME Ram.

Jump back across to the other snowball and shoot it to the end of the platform. DON'T shoot it off yet... wait until Wiggy lands at point D, then knock the snowball off - it will catapult the other snowball into the air... and down on to Wiggy. Yeurgh!


## 18 GAMES TIPS

## STAGE 11 - THE PHOENIX FAMILY



## STACE 12-ISLAND HOPPIN' 2

> Wait until the first Hoot moves right, then pick up a Fuzzy - move right until the Fuzzy's ear is next to the volcano's smoke. When Treadwater Ted moves right, follow him, then drop underwater (leaving the Fuzzy stranded) as he turns. As he moves left, collect the Fuzzy and move right a little - there's a safe area between Ted and Fishy.

As soon as the third Hoot moves right, follow the Fishy right, then drop underwater (as before) when he turns to head left. Quickly collect the Fuzzy, drop him on the island and press fire (otherwise the Hoot will hit him). Move to the right of the island and collect the Fuzzy when the Hoot moves left (you'll have to avoid the Puffer).

3Now drop the Fuzzy on the next island and press fire when the next Hoot is at the far left of the island. Swim underneath the island. Wait until Derek the shark moves left at the same time that Huffy moves down and swim through the gap. Collect the Fuzzy when it is safe to do so and drop him at the right-hand side of the level. One down and five to go:


## GAMES TIPS 19



DEMON 3
Points: 475
Hits to kill: 16
Extra Weapon:
FALL UP
It might be the
best-looking demon, but this is where the trou. bles really start no room for cowards here! The attack pattern is rather vicious; first it moves across the top of the screen dropping bulltes in its wake (at A, B, C and D), then it swoops across the bottom of the screen dropping dozens of bullets. Stay at either side of the screen, then rush into the middle as he swoops away from you. Head back to the other side of the screen and repeat the process. When killed, he leaves behind the handy FALL UP weapon.

## HOOTS

 Similar to their earlier counterparts, they only pose a threat to the Fuzzy (as opposed to Clyde). But keep your eye on them.

PUFFY


Tricky blighters,
these. The one between the two islands is difficult to avoid, the other guards a coindon't risk a life to get it! BoNus coIN
Yep, these
handy little
items make BoNus coIN
Yep, these
handy little
items make BoNus coIN
Yep, these
handy little
items make BoNus coIN
Yep, these
handy little
items make $\begin{aligned} & \text { BoNUS COIN } \\ & \text { Yep, these } \\ & \text { handy litte } \\ & \text { items make }\end{aligned}$
another appearance!
They're tempting to
go to it be be sure
you're up to the task. BoNus coIN
Yep, these
handy little
items make BoNus coIN
Yep, these
handy little
items make $\begin{aligned} & \text { BoNUS COIN } \\ & \text { Yep, these } \\ & \text { handy litte } \\ & \text { items make }\end{aligned}$
another appearance!
They're tempting to
go to it be be sure
you're up to the task.
TREADWATER TED
face of the water - you'll
have to swim around him
as bexcept for the
DEREK
Although he only swims
back and forth, this time
he obstructs the final
part of the level. Again,
observe the movement
patterns before you
make a move.
HUFFY
On this level he
moves diagonally
back and forth.
He's difficult to
get past so only go for the bonus if you're sure you can make it.
instead of over.
Afthough he only swims back and forth, this time he obstructs the final parterve the movement patterns before you make a move.
TREADWATER TED as before,


## (20 cames tips



## STAGE 15 - BALLOONAGY



From the start: Drop down from the platform and walk to point A, remembering to jump over the fire. Use a large-flame on Big E, then collect the potion to gain
the SUPER ZOOMERANG weapon. Jump over the switch on the ACME Balloons machine to turn it on, then head up to point B and wait for the bird (Squeal) to


| This creatu purposes on this scr from pecking thing it will also carry Cl across the |
| :---: |


|  | BIG E |
| :--- | :--- | :--- |
| 2 | Points: 50 |
| Hits: 20 |  |
| decessor, this |  |

Big E one can be killed (and he leaves behind a potion, too).


SLEEPY SAM
Points: 25 Hits: 1 The purpose of this chap is to get in the way. He cannot be killed but will fall asleep for a few seconds when shot.


JUMBO
Points: 100
Hit count: 10
Although he looks quite menacing, Old Jimbo is a are still deadly. He teav Bird Seed and a potion when killed.


FITNESS FREDDY He powers the conveyor belt so must be stopped. Do this by shooting the platform below Mr Chopper.
 Indestructible.
You have to scare him away using Peek-A-Boo.


SQUEAK Points: 50 (eat), 50 (top) This is Clyde's only way of reaching the top of the screen - knock the Bird Seed into position, then shoot him to wake him up and hitch a lift.


PEEK-A-BOO This chap (ex-chap?) floats around the top of the screen. If Clyde is hit by his lightening bolts he'll get transformed into a cute frog.
 T
$4-2=1=$


## STAGE 14 FOREST OF GATEAU

FUZZIES TO SAVE: $18 / 9$
TIME: 4 mins 40 seconds $/ 2$ mins 20 seconds EXTRA LIVES: 6
INITIAL COIN DELAYS: 59-58-60
DELAY BETWEEN COINS: 02-08-08



SMUG
Points:
Points: 75
Hit count: 1
Smug cannot be killed by Clyde the only way to dispose of him
is to shoot Squeal (who will the peck him to death).
pick you up. When he does, waggle the joystick left and right to get across the firey pit. Once across, select the FALL UP weapon and drop down to point C. Shoot Sleepy Sam to keep him quiet, then face right and shoot the balloons towards the spikes - they will burst and fill the pit below with water. If Sleepy Sam wakes up, shoot him quickly to send him to sleep again. Eight balloons are required to fill the pit. If you run out, drop down and switch on the machine again, then

to point C again. When enough balloons have been burst, the machine shuts down permanently.

Now go up to the top of the screen and shoot Squeal. He will then fly across and kill Smug, enabling you to get to the TNT. Shoot the TNT left until it reaches point B. Use your largeflame on the TNT to light it, then knock it off into the water pit. It should then explode, allowing the water to seep out and extinguish the fire. Blue Watch couldn't have done better!

# STAGE 16 WATERY FALLS 

FUZZIES TO SAVE: 20/10
TIME: 5 mins/2 mins 30 seconds EXTRA LIVES: 6
INITIAL COIN DELAYS: 02-02-02
DELAY BETWEEN COINS: 08-08-08
Got the hang of this bit yet? Nope? Then go
back to Funky Forest for a refresher course.


## 22 CAMES TIPS

## STAGE 17 - THE HEINOUS FAMILY



DEMON 1
Points: 250
Hits to kill: 7
Apart from the final beast, this is the trickiest demon; fast, furious and abundantly armed (firing at A , B and C, then D, C and B). Though
its flight pattern is straightforward, it's difficult to get to the centre of the screen to kick some bugs. Stay on one side of the screen, then forlow him as he moves away from you. As he moves back, return to the side you came from.

DEMON 2
Points: 375
Hits to kill: 12
Surprisingly, this angry little blighter is incredibly easy to kill (probably owing to the simple
attack pattern). Stay at the far left of the screen, then rush out and kick some bugs as he moves right. As he moves left again, rush back to the left-hand side and repeat the process.


## CHPEIS WEAPONE

FLAME-BREATH
Hit count: 25


This is THE weapon to use, owing to its incredibly high hit count (and it's needed to ignite the odd bomb or two). Take care with creatures that fire bullets, though


A tried and trusted weapon, it's useful for moving objects along platforms (such as Rocks and TNT).


An all-purpose, long-range weapon which proves immensely useful on almost every level. Don't leave home without it!


This weapon has quite a useful feature - it can be left flying around on its own (until it hits something or Clyde collects it).


The opposite number to the Droopy, this has a rather limited applications; use it to hit the balloons on the Balloonacy screen.

# GAMES TIPS 23 



DEMON 3 Points: 800
Hits to kill: 29 Well hard! There are only two safe places to stand when he's attacking, and it can take quite a lot of practice to ultimately kill him. When you start the screen, stand at point A (just to the left of the Bug Machine's left
leg), and wait for the demon to
swoop over. As he bounces right, run to point $D$ and stand just right of the Bug Machine's right leg. When he bounces left, run back to the first safe point. Repeat this process (kick ing bugs as you go), and you should kill him in no time. Well, around a minute or two, actually.


This has a similar firing pattern to the Fall Up and comes in most handy if you don't have that weapon.


This opposite to the Mega Droopy, able to fire vertically. Apart from the Creepy Chaos screen, it has very few uses.


This only has one use, namely moving the rock on the Acid Antics level. Apart from that, we have to admit, it's pretty lame.


As with the Zoomerang, this can also be left whizzing around on its own (but there are very few situations where this is possible).

## 24 COMPETITION



4ripping the paper off your prezzies, making a general mess, then spending a goodly few years in front of your C64 playing all those new games. (And the Christmas pud! - Dave.) But if getting two or three new games for Christmas makes you feel good, imagine how you'd feel if you received 135!

Alternative like Christmas as much as the next man - in fact a darned sight more if the rumours are true - and so they have decided to give away every game they've ever released to one lucky winner of this superbly spiffy Chrimbo' compo. Yup, you read it right - they've supplied 115 different cassettes, packing over 135 different games and a smart sports bag to carry them all around in. And to win all you have to do is answer three very easy questions and make one inspired suggestion.

Alternative are famous for their character licences, they pick TV shows that everybody knows and then create games around them. So we want you to identify some of their famous gaming folk:
a) Tipper Gore
b) Nursie
c) Barbara Bush
3) What's Dangermouse's useless assistant called?
a) General Norman Schwarzkopf
b) J Danforth Quayle
c) Penfold

Once you've worked out the answers, then apply your little grey cells (what's so little about them? - TMB) to

Jot down your answers and your game suggestion on a postcard. Put your name and address on it and send it to: But I wanted a Blke Compo! Commodore Format, 30 Monmouth Street, Bath, Avon, BA1 2BL before December 31st. part two. What we want you to do is think of a TV or film character which has never been immortalised in code. There must have been times when you've been sat watching a
TV or a vid', and thought, "l'd love to see this as a C64 game."

For example, Trenton would have like to have played a game of Blake's Seven, Dave wants to see a Prisoner adventure, Clare would have liked a Beetlejuice licence, Lisa's choice would be a Brewster's Millions title and Ollie always raves about the potential of a Clangers beat-'emup. So the tie-breaker question is: Which television show or movie do you reckon would make a superb C64 game but has been overlooked?

## WIN AM THESE...

$4 \ln 1$ Air Power (Ace 2088, Mega Nova, Hellfire Attack. Implosion) - 4 Most Action (Strike Force Cobra, Combat Zone, Gun Boat, Dead Or Alive) © 4 Most Adventures (Lite Term, S'M'A'S'H'E'D, Wiz Biz, Star Wreck) 4 Most Balls, Boots \& Brains (Rugby Boss, Australian Rules, Soccer Challenge, The Double) - 4 Most Cute (Star Paws, Howard the Duck, DM Double Trouble, Punch and Judy) \& 4 Most Fight and Fight (Aliens, Who Dares Wins 2, Frightmare, Fallen Angel) \& 4 Most Fun (Everyone's A Wally, Rik the Roadie, Slug, Snodgits) © 4 Most Horror (Rocky Horror Show, She-Vampires, Nosferatu the Vampyre, Neil Android) $\bullet 4$ Most Speed Stunts (BMX Ninja, Stunt Experts, Turbo Bike, Pro Muuntain Bike) © 4 Most Sport (Run For Gold, Endrone, Rally Driver, Soccer Boss) 44 Most Warzone (War, River Rescue, Army Moves, 19 Boot Camp) 44 Most World Sports (Baseball, Judo Uchi Mata, Basketball, Gril

Iron 2) © Ace 2088 • Aftermath © Andy Capp © Army Moves © Australian Rules Foothall © Bangers and Mash - Bangkok Knights \& Big Trouble In Little China © Bismark © BMX Ninja \& Championship Baseball © Championship Basketball - Championship Sprint \& Classic Areadia 1 (Invaders, Muncher, Axiens) \& Classic Arcadia 2 (Craxy Er*Bert, Missile, Grebit) • Confusion © Corporation © Count Duckula \& Count Duckula 2 © Cricket International \& Dandy \& Danger Mouse in Double Trouble - Dead or Alive \& Double Dare \& Fireman Sam \& Frightmare © Galactic Games $\bullet$ Game Over $\bullet$ Game Over $2 \bullet$ Gilbert - Escape from Drill $\bullet$ Gold or Glory $\bullet$ Graham Gooch's Match Cricket $\bullet$ Grid Iron $2 \bullet$ Gun Boat © Hellire Attack $\bullet$ Hideous $\bullet$ Howard the Duck \& Huxley Pig © Implosion © Jaws $\bullet$ Kentucky Racing © Lasi Ninja \& Lethal © Life Term © Mega Nova $\bullet$ Mini Otfice © MoonCresta © 19 - Boot Camp © Nomad of Time © Operation Hormuz - Pegasus Bridge \& Pirates in Hyperspace \& Popeye © Popeye 2 - Postman Pat \& Postman Pat $2 \bullet$ Pro Mountain Bike Simulator

Protium \& Psycastria © Punch and Judy © Red Arrows © Roguc Trooper \& Rugby Boss $\bullet$ Run For Gold © S'M ${ }^{\prime} \mathrm{A}^{\prime} \mathrm{S}^{\prime} \mathrm{H}^{\prime} \mathrm{E}^{\prime} \mathrm{D}$ © Samantha Fox Strip Poker \& Scare Bear \& School Daze * Shanghai \& She Vampires \& Slug e Soccer Boss e Soccer Challenge \& Sooty and Sweep \& Spindizzy \& Spitfire '40' \& Splat © Stelgar \& Strike Force Cobra \& Strike Force Harrier \& Stunt Steigar \& Strike Force Cobra \& Strike Force Harrier \& Stunt The Munsters \& The Stainless Steel Rat Saves the World \& The Trap Door/Through the Trap Door \& The Wombles o Theatre Europe $\bullet$ Thomas the Trap Door © The Wombies © Theatre Tower of Despair © Triple Decker 1 (Enclove. Exterminator, Aqu: Racer) © Triple Decker 2 (Merlin, Strike Force, Metranaut) © Triple Decker 3 (Tazz, Widows Revenge, Burger Riot) \& Triple Decker 4 (Snodgits, Boing, Flying Feathers) © Triple Decker B (Super Snake simulator, Project X, Fearless Fred) © Turbo Bike © Vixen © Who Dares Wins $2 \bullet$ Yogi Bear © Zoids $\bullet$ THAT'S 115
CASSETTES AND 135 DIFFEMENT GAMESt!

1
n
m

AMIGA • ATARI ST • COMMODORE 64 •SPECTRUM • AMSTRAD CPC

## 

 is back in

The world's favourite Viking is ready to storm your computer screen ...
Help Hagar eat, fight and drink his way around the globe in search of loot-oh, and don't forget to make sure he brings back enough souvenirs for his wife, Helga, or he won't get his supper!
Join Hagar and his friends in this action-packed platform adventure, you're guaranteed to have fun!



Having lost his tooth in a sporting accident, Roger has to face one of his greatest fears - the dentist. The only consolation, apart from getting the day off school, is that while it might be his personal hell, at least it's on the NHS... and free!

## SPELLBOUND DIZZY

CodeMasters £3.99 工 0926814132 The egg is back, and this time he's on budget. Spellbound Dizzy comes to a screen near you at the bargain price of £3.99. The hard-boiled one wiggles his arms through another adventurey-style platform thingy. The story behind this one really doesn't matter a jot, but I'm going to tell you anyway. Our little eggy pal has been visiting the local wizard and accidentally on purpose read out loud a mega-dangerous spell. The spell he mistakenly cast spirited all his little ellipsoidal pals into the underworld.

The aim of this one is to collect all the stars lying around the place and pick up various special objects, in order to save all the


The egg's gonna kick the bucket without some form of breathing equipment. Glug.


The Windy Shaft, ooo-er. Don't do this at home kids, it could be dangerous. (Don't do what? Wear boxing gloves? - Ed.)
eggs that have been transported. The major thing to note about this budget release is that it's an enhanced version of the original. It's much bigger for one thing, so the maps and tips that were printed in issue 20 won't help you very much.

Spellbound Dizzy is on a par with most of the other Dizzy games - standard graphics, girly-type cuteness, average game play and a few quite clever puzzles dotted about here and there. It's nothing to get eggstatic about (we pay you for new jokes, Frames! - Ed) but if you are a Dizzy fan (and there are enough of you out there to make the Dizzy series gobsmackingly successful), it's quite a barg considering the increased size.

## SPELLBOUND DIZZY

Decidedly more tedious than having a conversation about preserving the rain forests with an overripe banana.
FRAME RATE

 Christmas hols. As an extra special Chrimbo treat, Mum's paying for me to have one of those dead classy, life-like tooth replacements, to substitute the one I lost when I fell over the tennis net.

I arrived at Dr S Adist's cool as a cucumber, determined not to let my fear show through, not that I was scared at all, oh no, not me. I would have been okay, too, if it weren't for Curly Arbuncle from school turning a very yucky shade of green when I asked him why he was being carried out on that stretcher. Okay, I admit it, by the
time the nurse called me in to the surgery I wished I'd been wearing reinforced underpants.


Is it a bird, is it a plane? No, it's a very poor drawing of a Doorman, (geddit? DOOR-MAN!)

## PICTIONARY

The Hit Squad £3.99 $\mathbf{- 2} 0618326633$
The game of quick draw, I don't think. Playing Pictionary in one-player mode takes so long that a snail could slither a marathon before the computer has finished drawing the clue for you to guess.

By now, most people must have played the classic board game at least once for themselves, or seen that TV program with professional cockney Danny Baker based on

23 BUDGET TIPS
the same idea. What you have to do is guess the identity of the mystery word by just looking at your team mate's drawings. (Yep that's right - if you play with the computer you're actually on the same team, trying to help each other. Odd concept.) The game is played on a multi-coloured board; the colour that your counter lands on dictates the category you will have to draw or guess.

The Pictionary idea is a fabulous one, but unfortunately it doesn't work well on computer. The whole point of the board game is to get incredibly silly with a large amount of mates and be very, very stupid. For one thing the computer's far too good at drawing and for another it's far too easy to cheat. It asks you whether you were right or wrong when it reveals the answer to you. And what redblooded male would tell the truth and say he got it wrong? Not me, that's for sure.

## PICIONARY

Much duller than being hung upsidedown from the ceiling and having your mother preach to you about how staring at a television screen all day ruins your eyesight.

## FRAME RATE <br>  <br> 

Arghh! Little was I to know that the S in Dr S Adist stood for Sally. A girlie dentist! My worst fear. And that face. It couldn't be...? Then it struck me! My mum told me that Veronica had an elder cousin, Sally Nolan, who was locked away in the local loony bin. Apparently las week she escaped from the high security lock-up for crazyheads that want to be orthodontists.

Was this it? My short life brought to an end at the hands of a drill-wielding psycho?

Foot to the floor and we're off. (Off where?-Ed.)

## SUPER MONACO CP

 Kixx £3.99 - 0216253388 Vroooom, vroom, vrooooooom. Nigel Mansell eat your heart out, here comes Roger 'Elio' Frames in his super-speedy Formula One racer. What a yellow-bellied worm - fancy retiring before I had a chance to knock the jammy little so and so off the top.Super Monaco is no match for something like the classic Stunt Car Racer, but it's fun to play and almost captures the thrills and spills of driving round the Grand Prix circuits of Europe. It takes you through France, Brazil,
 light but no matter how hard I ried my ded gr marned car wouldn't jump to full speed anywhere near as quickly as my competitors' vehicles. It got a bit better after I moved on from using automatic to manual gears, but no matter how hard I pushed the joystick my car couldn't match the initial acceleration of the others. I suppose that they think it gives you more of a challenge that way. Now who can I go and blag some sponsorship money from?

## SUPER MONARCO GP

Much better than driving to Llanfair-pwilgwyngyllgogerychwyrndrobwilllantysiliogogogoch just to see the name plate on the station's platform.

## frame rate



## FUN SCHOOL 2

## FOR THE UNDER SIXES

The Hit Squad £3.99 © 0618326633 This is aimed at the very young who will probably need some form of supervision. Either that or stupid girl's like Veronica who can't spot a genius when they see one. A

## FUN SCHOOL 2

Mum asked me what I wanted for Christmas so I gave her a list of all the totally fab full-pricers that are far too expensive for me to even consider buying. Being a quite average mum, she's not very good at hiding things so last Saturday after she'd been into town on a 'shopping' trip I sneaked into her room. High and low I searched, through Dad's pile of sweaty socks and Mum's underwear drawer, then inspiration struck!

I dragged the commode across the room and peered over the top of the antique-style cupboard that my mum sticks her jumpers in. Yep, it was there alright, a lurvely W H Smith's placcy bag with what looked like three totally awesome C64 tapes lurking in the bottom, and I know the High Street branch stocks Crystal Kingdom Dizzy. I grabbed the bag and ran to my room as fast as my legs would take me. Tentatively I examined the bag. Yep definitely three tapes. How I love Christmas.

Then, horror of horrors, I lifted them out of their bag and saw, not the spiffy progs I was expecting, but the totally terrifying sight of EDUCATIONAL PACKAGES! Fun School 2 has made it to the budgets. Sigh... mothers!
 nasty girly-type teddy
bear is the star. The bear is the star. The yucky furry thing dances for you if you get a question right, waving at you sweetly if you try to do anything you're not supposed to be doing. There are eight
get bored of the basic graphics. Fun School for the Under Sixes seems to be more aimed at getting your sprog into using the keyboard than educating them a great deal. But in these days of hazy sunshine and technology the sooner you get the little brats started the sooner they can begin playing real games.

## FUN SCHOOL 2

FOR THE UNDER-SIXES
Not as much fun as doing finger painting at primary school. Or making mud statues of spiders and leaving them in Veronica Nolan's school bag.

## FRAME RATE <br> 

## FUN SCHOOL 2

FOR SIX-TO EIGHT-YEAR OLDS

## The Hit Squad £3.99 $\mathbf{2} \mathbf{0 6 1} 8326633$

 This tape is in the same vein as the Under Sixes one. Simple maths, recognising letters and words, that sort of thing. But the star of the show is a most fabulous frog. Frogs are one of the best creatures on this earth. They scare mums and girls better than any rat l've> TIME TO GET UP ROGER!! DENTIST THIS MORNING TO GET YOUR TOOTHY PEGS FIXED, REMEMBER?
$\omega$

## THE DUEL

## (TEST DRIVE 2)

The Hit Squad £3.99 $\mathbf{\text { 2 }} 0618326633$ Yet more vrooom, this time in real cars meant for real roads, with police cars and even more terrifying than that, other cars coming speeding towards you in the opposite direction. (I wonder when they're going to bring out a racing game based on the new Orion L Popular Plus for the C64?) Porsche versus Ferrari, the endless challenge for supremacy amongst the super cars rages on.

The Duel is option city - you can chose which one of the super speedy cars you want to take for the ride of a lifetime. There are 12 levels of skill: the first four give you automatic gears, the rest you have to change up and down with the fire button. There's also a fast mode, you can drive faster than the speed of light but there is a loss of detail. The in-game music can get rather annoying after a while
NUMBER TRAIN

Yellow train to the yellow station, blue to blue and red to red. Simple isn't it?
ever known. It goes deeper into the teaching side of things as well - you learn about map co-ordinates, money and geometry (by packing a set of rectangles into a big empty rectangle - it's a bit like a sprogs' version of The Krypton Factor). Then there's a Hangman-style game which involves trying to work what word the computer is thinking of by guessing one letter at a time.

Once a kid has got the hang of the control methods you could probably leave them to fend for themselves, as long as they're familiar with loading stuff on the C64.

As the drill hit my teeth my whole body shook violently... I waited for the agony... but it never came. But still I was being shaken. My eyes snapped open, and there was my mum waking me from my slumber. "Are you okay, Roger? You were crying out dear. You must have been sleep shouting again."
"Oh... urm... I must have been dreaming about my piggy bank coming to life and running off again."
"Well never mind that now. It's time for you to get up. Don't forget to put clean underpants on - we've got to be at the dentist's in three quarters of an hour." Gulp...
so it's a good job that hitting the Q key toggles the twee tune on and off. Of course, the real high-speed, super-thrill feel of motor racing
transferred full the computer screen but if you want the to try and get the feel of road racing rather than staying safely to the grand prix tracks The Duel is the game for you. There's even a radar detector in the sun visor
which comes in very useful when the cops There's even a radar detector in the sun visor
which comes in very useful when the cops are on your tail. (That sounds like it could be
useful -Ed.) If the light flashes and you hear useful - Ed.) If the light flashes and you hear a few beeps then the cops are just round the corner, at which point it's up to you to decide

Coops, not good. Steer clear of the cop cars. could never be



## FIN ScH* 2

FOR SIX- TO EIGHT-YEAR OLD More illuminating than diving into a bowl of chocolate custard with your eyes closed. In fact much the same as the first one of the batch.



The Hit Squad £3.99 - 0618326633 The coders of Fun School obviously assume that when you reach the age of eight you suddenly become much more intelligent

## FUN SCHOOL 2

- do you try and outrun the cops or stop and get yourself a speeding ticket?

The Duel is great fun, especially when you crash into the back of the police cars your windscreen shatters before your eyes. If only I had one of those vibrating chairs.


The grey Porsche or the red Ferrari? What a decison. Ill take the black XJ220 please.

## THE DUEL <br> (TEST DRIVE 2)

Fab stuff. If it was a choice between buying this and going to one of Veronica's pyjama parties I know which one ld choose.
FRAME RATE

any self-respecting nine-year old boy (a girl would have to be at least 23 before she could figure some of these puzzles out).

There are plenty of logic problems that even TMB would have to ponder on (I think not - TMB). The trouble is that when you've done them once then there isn't much you could gain from doing them again.


## FUN SCHOOL 2

FOR THE OVER EIGHTS Much, much more amusing than going on holiday with your maths teacher and finding out that her idea of fun is counting the hairs on her chest.
FRAME RATE



## GETIING AN AMIGA? THEN GET THIS: <br> The magazine with the right attitude.

# In this issue.o. 

# STREET <br> FIGHTER II 

Previewed - the coin-op conversion everyone is talking about. Will it really take the number one position this Xmas?


# ROAD RASH 

At last! The smash hit Mega Drive punch and ride game makes it to the Amiga. But can it match the original, and how does it fare in the tough world of Amiga racers? Find out in our definitive 3 page review.
...And: We find out what you think will be Christmas number one.
Plus: Lethal Weapon, Pinball Fantasies and loads more reviewed in the brightest issue yet. (You'll see what we mean.)


## Trie CF HIT LIST CHECK CHART <br> instructions and a scenario as in file

Tidy up the bugs. For example, if you're creating a lot of colours on text (like the 'Rainbow' text in Alleykat), then make sure that the raster lines don't flicker. It seems a minor point, but you'd be surprised how much impression it makes. It could tip the scales in your favour.
$\square$ Don't make the game too difficult right from the start, because the softies won't want to waste time figuring out how to play the game.
$\square$ Try to put a high-score table into the game. Once you try it you'll be surprised how easy they are to program.
$\square$ Try not to make your games multiload. Fit it all in memory if you can. If you can't, your game needs a very good reason for being multiload.
$\square$ Send the game on disk. If you haven't got a disk drive then try to get a friend who has to transfer the program for you. The software companies will transfer the program on to tape if necessary.
$\square$ Make sure you label the files clearly and explain what they are. Don't just shove a load of files named CQ, \%6, MN or 3 and expect the software companies to decipher them.
$\square$ Try to make the disk look impressive. Print out, or type a letter and try to make sure it has no mistakes. Don't reuse an old envelope, despite the environmental saving, it doesn't create a very good impression. Always include
printed out if possible, as well as in file form on the disk.
$\square$ Don't be too aggressive. Phone a few days after you have sent the demo and if no one has looked at it (remember they have hundreds of games every week) try to make an appointment to ring to discuss the game. Don't ring every day until they look at the demo as this makes you seem impatient. You do have to compete against other programmers, of course, but unless the software company believe that they can work with you on friendly terms, then they will probably not be interested.
$\square$ Don't be over-confident. If you are asked to make changes never say, "Oh yes, I can do that in a day," when more likely these changes will take you a week. Remember a software house would rather wait two months for a better game than have a hastily patched one now.
$\square$ Don't send in someone else's game. Software companies will not accept games which you have not written. Changes will nearly always be requested, and if you can't make them the it becomes obvious that you haven't written the game.
$\square$ Finally, some advice from
CodeMasters' Paul Ranson: "Be proud of your product. Don't think you can knock out a game and it'll do. Realise you're selling a service; no-one will put up with a rock-star attitude."

A CODER: So, CF, how do I go about getting started in the software biz? COMMODORE FORMAT: Well, you could invest several thousands of pounds setting up a software house, commission a few freelance projects or hire some in-house programmers, spend lots of money printing inlays and placing adverts for games and work out deals with distribution houses. AC: But I don't have that kind of money!
CF: There is an easier - and much more commonly used - route which is also a lot less expensive, though it involves (sharp intake of breath) hard work. This way, you write a game yourself and then sell it to an established software company. Unfortunately we're not talking SEUCK (Shoot-'Em-Up Construction Kit) creations here, but fully-featured,
professional-looking games written, at least, in Assembly language (just about the most basic language the computer understands). AC: Well, l've got the programming knowledge but when it comes to graphics and music... well, could I get away with sending a rough version and hoping the software company will find people to do these things? CF: No way. You've got to be able to convince the softies you can deliver the full product. What you need to do is find a team of people to work with. Most of today's commercial releases are of a very high standard and because of this, it really isn't practical to write games solo anymore.

Although you may be a wonderful coder, a brilliant graphic artist or a superb musician,


SWIV - definitely NOT a SEUCK game. This is an example of a very original game!
few people excel in every department. So your best bet is to develop your own strengths and then team up with other people who are strong in your areas of weakness. It also means you get the game finished a lot quicker.
AC: So how do you spot someone with the necessary talent to join your team? CF: You could always try putting an advert in a magazine (but then we would say that wouldn't we?) to attract people to join your team. Or you could try finding and joining an existing team - see the list of contact addresses on the next page.

Once you find someone interested in joining you, ask them to send you some samples of their work - either programming, graphics, or whatever their skill is. You'll probably be able to see how good they are, even if your forté isn't in that field - I mean, you don't

CONSTRUCTION KIT December 1992

## 

need to be a film director to know that Carry On Columbus is a seriously naff movie. But don't recruit too many people with similar expertise, because that could cause conflict - and if you have two graphic artists or two musicians then one will nearly always be idle. There's a limit to the amount of work on one one game, even though sometimes it doesn't feel that way.
AC: Is there anything else I should consider before starting or joining a coding team? CF: It's probably better to live close to the team, rather than communicate through the post or over the telephone. Otherwise costs start to escalate when you design conferences over the phone, disks flying back and forth for bug checking, and then hoping that everyone knew what you were on about in the first place. The only people getting rich that way are the Post Office and BT bosses. AC: So, l've got my top notch coding team together. What next? CF: Get cracking on producing that all important first game. At this point it's all down to talent, elbow grease and planning, until eventually you've got a working almost finished game. AC: Then once it's nearly ready we just bung it in the post to a publisher?
CF: Well, if you really want to get your game published (ie, get someone else to put all the production and marketing money up for you) then there are a few basic rules that will give your game a better chance of making it to the shops. AC: What sort of rules? CF: For starters, if you cut your Assembly teeth writing PD demos - and a lot of demo writers do go on to attempt game writing - then there's the temptation to include lots of demo-style effects throughout the game. But never forget that the gameplay is the most important thing. After all, a smart title screen might initially make the game look impressive, but if it's there at the expense of the gameplay then players will soon discover the game's shortcomings. Try to assess


And this is an example of what SEUCK can achieve. Twin Tiger was considerably enhanced by a top-flight coder afterwards.
COMMODORE FORMAT December 1992
your work honestly, and examine every aspect of it, trying to decide if it's really necessary. Graphics and music can always be replaced, but the gameplay is fundamental to the game from its very inception.

Finally, try to be original, because if you write another Pacman clone, another puzzle game or yet another shoot-'em-up, then you have very little chance of having the game published. There have been so many of these types of games that most software houses are sick of them now. David Watkins from Alternative sums up the softies' atitude: "We are looking for games that are original, playable, what the market wants and which can be developed into a series."

There ought to be no bugs in your game. As Gareth Briggs of Zeppelin says, "Go out of your way to do your best. Make sure there are no spelling mistakes (though Crazy Cars 3 doesn't seem to have cared much about this aspect - Clur) or bugs in the game. You can send the demo to us at any time, but try to wait until the game is very nearly ready."
AC: That's mostly common sense. What else should I know?
CF: Let's assume you've written a game that's original and playable. Then the CF Hit List Check Chart on the previous page should give your game the best chance of getting published. Check it out!!! AC: What if someone tries to nick my idea. CF: Publishing in every form suffers the problem of potential plagiarism, where someone sees your game, manuscript or whatever, before it is published, copies your ideas and then sells the work as their own to another publisher. And so, although 'copyright' is automatic in the UK you may want to be to prove your 'copyright', just in case...
AC: So how do I prove my 'copyright'? CF: One way is to copy the rough/demo version of the game, as well as any source code, and put the disks in a sealed envelope, which you then send - registered post if you like - to yourself. You should then have a sealed, postmarked envelope which you can open in court or in front of a solicitor if needs be. Try putting the stamp on
the seal of the envelope so that the frank appears on an unbroken stamp on an unbroken seal. A better, though more expensive, method is to lodge a copy of the game with a family solicitor (if $\frac{\text { COMNODORI: }}{\text { Personve compuren }}$ Programmer's you have one). Then they can testify in court that the game has been in their possession since a certain date.

And once you have been published you can join the Society of Software Authors who will give you more info about copyright. You can phone them on the number below. AC: So, that's all there is to getting a game published?
CF: Well, not quite, but it covers the basics. And don't think that if you follow all these rules you can get get any old rubbish published - you have to put in some effort yourself by producing a rip-roaring game first. If you have any more specific questions then drop us a line at Selling your Wares, Commodore Format, 30 Monmouth Street, Bath, Avon BA1 2BW. We can't reply in person, but if there is sufficient demand we'll run a follow up feature as soon as possible.


## CONTAX BOX

- Gareth Briggs, Zeppelin Software Ltd, 9D Ash Way, Houghton-le-Spring, Durham, DH4 6JW $\boldsymbol{\sigma}$ 091-385 7755.
- Gremlin Graphics Ltd, 2-4 Carver Street, Sheffield, S1 4FS $\mathbf{\sigma} 0742753423$
- Richard Eddy, CodeMasters Ltd 자 0921814312
- Chris Price, Alternative Software, Units

5-7 Baileygate Industrial Estate,
Pontefract, West Yorkshire WF8 2LN 지 0977797777.

- The Society of Software Authors

天 0815035251.

 e sold approximately quarter of a million copies of the planet's most amazingly spiff Commodore magazine in 1992, and we're now selling more copies a month than ever before. Yep, it's been a vintage year for $C F$, and here's why..

## ISSUE 16 - JANUARY

As the year opened Yugoslavia was in turmoil with Croatia and Slovenia struggling for independence. Things were almost as volatile at CF where the power rating scores ranged from $92 \%$ for Super Space Invaders to a $12 \%$ for Cisco Heat. The world got it's first glance of Creatures 2 on the Power Pack and a new breed of games writers was born thanks to our first second tape (Erm, does that make sense? - Ed) featuring The Graphic Adventure Creator.

## ISSUE 17 - FEBRUARY

Love was in the air this Valentine's month and CFs heart went out to First Samurai ( $96 \%$ ), Creatures $2(90 \%$ ) and Dizzy's Excellent Adventures ( $91 \%$ ), corkers one and all. Full games on the tape included Cyberdyne Warrior while Indy Heat was demoed. We also smashed Smash TV in Gamebusters. Andy found a Poke which gave us all an extra day in the month.

## ISSUE 18 = MARCH

Silence of the Lambs sweeps the Oscars while the award winners in CF were Demon Blues (83\%) and Big Nose's American Adventure (84\%). A Golden Turkey went to Final Fight ( $19 \%$ ) while best support was supplied by our full solutions to First Samurai and Super Space Invaders. Starring on the tape were Sphinx Jinx and Demon Blues. March was TMB's favourite month as it coincided with the New Year on his home planet, and he spent many hours comunicating telepathically with distant relatives.

the spiffiest reckon issue 21 had the spiffiest cover of the year. was also the

ISSUE 19 - APRIL
Election fever gripped the UK and CF voted Catalypse game of the month with $91 \%$ while The Jetsons was the 64 equivalent of the Liberal Democrats with only $39 \%$ of the vote. The Power Pack was a Jeff Minter Special to accompany our series on the world's weirdest coder inside. We gave away Sheep in Space and Attack of the Mutant Camels. In Gamebusters, Cyberdyne Warrior and Hudson Hawks were mapped.

ISSUE 20 - MAY
Kinnock's out, Smith's in, and $C F s$ in Smith's with a spiffy Space Crusade cover. The game is pretty spiffy too scoring $92 \%$. Dud of the month is Cover Girl Poker (32\%). Catalypse and The Bod Squad were democratically chosen as the Power Pack demos. There the ACTION REPLAY Cartridge. The diving season opened this month so Trent was happy - he could go and shoot divers whenever he wanted.

## ISSUE 21 - JUNE

 This was Roger's favourite month because the school hols started. To give you something to do in the sixweek break, we stuck Arnie and The Addams Family demos on the Power Pack. Which was a good move as the Addamses also scored the best rating of the ish with $92 \%$ narrowly beating Chuck Rock (91\%). Our threepart solution to Rainbow Islands began its run in Gamebusters.
## ISSUE 22 - JULY

Batman Returns hit the cinemas and everyone wondered just how did the Penguin get those plans for the Batmobile, as well as wondering how we managed to put together such an amazing Power Pack. It featured James Pond: RoboCod and DJ Puff's Volcanic Adventures, both of which were also Powertested, getting $90 \%$ and $88 \%$ respectively. Murray Mouse got the mapping treatment in Gamebusters.

## ISSUE 23 - AUGUST

Drugs allegations dominate the Olympics, but there's nothing artificial about CF. Adorned with a dead smart Cool Croc Twins cover, it's every bit as wholesome as ever. The Crocs aren't quite game of the month $(83 \%)$ that honour going to Midnight Residence (89\%). International Ice Hockey scraped a measley $34 \%$. Biff, Bug Bomber and Nobby The Aardvark were the Power Pack stars. Dave joined the team and within a week the sandwich man who comes to the office had enough money to retire to the Bahamas.


## CTHARODNG WANLHOR CHISMAS ZTENPW

## ISSUE 24 - SEPTEMBER

Britain was out of the ERM. Interest rates plummeted, then rose, then spiralled, did a U-bend and multiplied by the square root of infinity before vanishing into the Nth dimension. Interest in CF remained high, however. And no wonder when there were four demos on the Power Pack Fuzzball, Match of the Day, Ugh! and Cool Croc Twins. Ughl is also game of the month with $92 \%$. We began our stunning three-part exposé of Space Crusade in Gamebusters. Ollie was glad to see the back of September, as his brother got married, and Ollie was the best man - he was so nervous at the ceremony he didn't touch his meal.

## ISSUE 25 - OCTOBER

31 coal pits are closed and Parliamentary confusion ensues, but some things in the country remain strong - CFs sales majority rose by 5,000 readers. And what a stonking issue those new readers had in store with demos of Slicks and Hägar on the tape and DJ Puff blown wide open in Gamebusters. Hook was a hit with $85 \%$. Frankenstein was a miss with $40 \%$. Clur loved October because it saw the climax of the World Series.

## ISSUE 26 - NOVEMBER

The US elections were underway, but you didn't find CF spouting hollow rhetoric. Our reviews of Popeye ( $70 \%$ ) and Stuntman Seymour (77\%) were fine examples of straight talking. Cosmic Causeway, Bomber, Stuntman Seymour and Doc Croc filled the Power Pack while Roger got all excited about the budget release of Creatures. Let's Make A Monster began chronicling the production of 1993s surefire winner, Mayhem in Monsterland, and we listed hundreds of POKES for

ACTION REPLAY owners.


Erm, you can see what you've got this issue, but we might as well mention it's Lisa's birthday on the 26th (not that she needs the presents).
"Brandy butter and walnut sarnies? Hmm - sounds good."


Big Ed Trenton has another great love besides C64s football. His Christmas treat would be to get called up to play for his favourite team, Bristol Rovers, and score the winning goal. (Just scoring a winning goal would be Rovers' Christmas treat.)

For drooling Dave, the presents are the secondary delight when it comes to Yuletide. It's the food that sends him to seventh heaven and with a healthy dose of brandy bu
ter sauce on his pud he might even make to the eighth.
Streetwise Clur might not have been at CFlong, but we already know what a American sports freak she is. A baseball bat signed by the entire Bulls' team would be her ideal prezzie.

No band could ever replace the Sex Pistols in Ollie's is nothing he'd like more in his (rather cracked PVC) Christmas stocking than some tickets to a Pistols reunion concert.

Lisa, of course, has everything she needs already, so what she would like for Christmas is world peace. AAhhh! Quite how we're going to wrap that up is a bit of a mystery, and fitting it under the tree going to be difficult.
He's fed up with only being able to cheat in com-
loaded dice and a deck of marked cards.
Jackie 'Goth' Garford cons, er, convinces people to advertise in CF. And a darned fine job she does too. Her perfect prezzie? A invitation from Nirvana to play bass guitar on their next tour. Grrrrruunge!
 puter games is our resident Gamebuster Andy Roberts, so what he'd like are a couple of

Nope, they're not from
Andy's Cortina!
 ave you ever found that one of your fave C64 tapes works on a friend's computer but not on yours? Have you ever taken a supposedly 'faulty' tape back to the shop only to find that when the storekeeper tested the cassette it worked fine? Has your tape collection shown 'peculiar' tendencies when loading, sometimes behaving perfectly but at other times refusing to load?

This probably means your head alignment is out of whack. And no, we're not suggesting that you're going a bit loopy - we're talking about the tape heads in your datassette.

Now knowing this fact is all well and good, but what on earth can you do about it? Load up Loadmaster that's what. Yes, the second tape stuck on this month's cover (the one at the top) contains a program


BIT COUNT SHOULD REACH AT LEAST AT LEAST

40888
BIT COUNT $=40348$

If the counter reaches 40,000 without flipping back to zero then this shows that your head is well aligned. For peak perfomance follow the instructions above, which has been specifically written to help

## LOADSALOADS

- If your datassette loads your games okay at the moment DO NOT start trying to adjust it. Just stash Loadmaster away somewhere safe. Then if your tape deck starts playing up you can fix it quick! - Only ever adjust the head alignment when you've got Loadmaster running, otherwise you may not even be able to load that (I know - I did it in the office and Clur almost killed me! -Ed) and you'll be totally stuffed. Loadmaster has been specially recorded to load even on dodgy datassettes but it does have its limits!
- Clean the tape heads, capstan wheel and capstan pin regularly. (For a more detailed list of datassette maintenance tips see Data, Set and Maths, p39, CF25.)
- Demagnetise your datassette frequently using a demagnetising kit (which are easily available in the shops).
- Avoid storing tapes near strong magnetic sources (ie, loud speakers, microwaves, on top of monitors, etc). When using your datassette try to keep it way from such magnetic fields as well, because this can also affect loading.
- When saving programs and data, always try to use C30 and C60 tapes as they are shorter and won't stretch as much as C90s. They are also quicker to rewind! - When you try to load programs and data that were recorded with seriously misaligned tape heads your datassette may experience difficulty. Loading it may require you to 'de-tune' your datassette.

BIT COUNT SHOULD REACH AT LEAST BB

BIT COUKT = อยвอย

Press STOP on your datassette and you should see the counter reset to zero.
by a small metal plate which in turn is held in position by a small screw. Loosening or tightening this screw moves the head enough to massively influence the datassette's loading abilities. This screw is easily adjusted, but this also means that it can stray out of line slightly through natural wear and tear. This is where Loadmaster comes in, as it allows you to test your datassette's set-up, adjust the screw and then test again, until it's ready to load every game, every time. It'll take a bit of time but it should save hours of frustration with data error messages.

## HEADS UP

To use Loadmaster, first you'll need to get hold of an Philip's A1 (or about as small as you can get) screwdriver. Then using the normal RUN/STOP and SHIFT method load side one of the Loadmaster tape. After about two minutes the tape will finish loading and present you with a screen like the ones on this page. If you look at the numbers in centre of the screen you will see them quickly counting through. Press STOP on your datassette and the numbers should should reset and the counting should stop. Now watch the numbers on screen carefully and press PLAY. As you do this the numbers should once again start to increase.

- If your datassette is well aligned, then the counter will quickly reach 40,000 and carry on beyond.
- If your datassette is out of alignment then the counter will occasionally reset itself to zero - generally before it reaches 40,000 .

Basically the tape knows what's coming next and counts off each number. If Loadmaster finds what it's looking for then it kicks over into the next number. If it doesn't find what it's looking for then it resets the counter to zero. So by examining how much
data it can load and how quickly it can do it you can calculate the best position for the tape head. Basically if Loadmaster can find the first 40,000 things it's looking for then it should be able to load just about anything.
have completed this you should have found that in most of positions the counter didn't reach 40,000 , but for a few sequential attempts it did. This 'sequence' of successful loads indicates the tolerance range of your datassette - the range in which it can accu-

## MR FIX IT?

If you've a well aligned datassette, then it may be wise to leave it alone until you develop a persistent loading problem. "If it ain't broke don't fix it|" the saying goes, and it may prove sound advice. But if your datassette is badly aligned then it's screwdriver time!

If you look down at your datassette you should see a small hole (just above the second ' O ' of the Commodore). It is through this hole that you can access the head alignment screw once PLAY has been pressed. At all other times it's tucked safely away, so you can only adjust the screw when PLAY is pressed. Whatever you happens DO NOT press stop while you've still got a screwdriver adjusting the screw, as your datassette will try to eat your tools!

## Pressing

 PLAY moves the tape head adjustment screw underneath the hole and you can start adjusting the alignment of your datassette. Carefully place the screwdriver into the screw head. You should find that the screw has room to move both clockwise and anti-clockwise. Turn the screw (clockwise) until it's reasonably tight, but make sure that you don't over-tighten it. Take the screwdriver out of the hole and press STOP. The tape counter (on screen) should now have reset itself to zero. Pressing PLAY then allows you to watch how successful this new position is for your datassette.
## 40,000 TO 1

To align your tape heads absolutely perfectly, requires you to repeat this pro-
 almost - but not quite - undone the screw by quarter turns. When you

Uh, we tried to get a pic of a duff load, but we couldn't, because Loadmaster works too well ('nuff said - Ed)!
screw by half the
number of turns you've counted. This effectively positions the tape head exactly in the middle of your datassette's 'load zone'.

Congratulations, you have just aligned your tape head, so loading should now hold no more nightmares - unless you try to boot up your latest Dannii Minogue tape on it, that is (but then playing that in an audio tape player would be a nightmare).

## CUICK CUIDE TO USING LOADMASIER

(1) Get a Philips screwdriver ready. (2) Put the Loadmaster tape into your datassette.
3 Hit SHIFT/RUN STOP and wait for the program to load.
4 Don't press stop on the Datassette leave it playing.
5 Watch the numbers on the counter. If they get to 40,000 and beyond, don't touch anything, the tape head is already properly aligned.
6 If the numbers keep resetting to zero, STOP the tape and put the screwdriver in the little hole in your Datassette and tighten the screw.
7 Undo the crew by a quarter of a turn and prss PLAY. Note whether the counter makes it past 40,000, then STOP the tape. Repeat this process until you find a sequence where the counter repeatedly makes it past 40,000. 8 Count how many quarter turns you do from the point where the counter starts getting past 40,000 to when it starts resetting again.
9 Set the screw in the middie of this range by going back half the amount of quarter turns you have counted in the range.
(10) The tape heads on your datassette should be properly aligned and ready to do some loading.

## IAN <br> CYCLOPEDIA INVESTIGATES LOADS

## There have been a number of curious

 loads through history for instance... Lodestone - This magnetic stone was rumoured to come from fallen stars and was used by early navigators. Curiously though, if kept next to your datassette its magnetic properties would have made it a no-lode stone!- LoadsaMoney - A strange Harry Enfield character, this gent boasted about his vast wealth. Now cited as an 80 s archetype, LoadsaMoney has suffered a change in fortune and works in a fast food restaurant (he has yet to earn a star).
- Load Ownd Irty Rat - a quote erroneously attributed to James Cagney in the film White Heat. He in fact said, "I've loaned out 30 cats!".
- Lock and load - a quote correctly attributed to Hicks in Aliens, just before the going got really tough and the tough - Ripley - hid under a bed.


With one of the biggest games releases ever on the C64, Streetfighter 2, about to hit the shops, Danielle Woodyatt, Public Relations (PR) Manager of the games' publisher US Gold is a very busy person. Not that this is the first time the company, one of the UK's biggest and oldest software houses, has done the 64 proud; they've been behind such classics as Impossible Mission 1 and 2, Ghosts ' $n$ ' Ghouls and Indianna Jones and the Fate of Atlantis. Danielle's job is to make sure US Gold games get noticed by the games-buying public. Her job here is to answer questions set by you..
take into account. We want the games to appeal to streetwise kids, but they also have to appeal to the whole family, because in lots of cases it is the parents who actually fork out money for the games.
There are loads of really good back catalogue games which haven't appeared on Kixx? Will they ever be re-released? Arnold Levick, LLantriws
With our budget label, Kixx, what we try to do is re-release all the old faves that scored well the first time around. But if anyone has a personal favourite which they think deserves a second chance, the man to write to is Craig Johnson, who handles the Kixx range. Just drop him a line at the normal How important are magazine reviews? Do you ever


 US Gold address. David Allsop, Chester 0,0 e) Why didn't US Gold We value the maga-
 highly - as long as $\quad$ C64/GS? The obvious
 course. Seriously, we respect reviews and will even use quotations from them in our marketing, but we expect them to be fair and constructive, which CFs nearly always are. Reviews are the first time the public will be able to see the games in an unbiased light and, of course, they are good publicity. While there are magazines like CF about we will continue to support the C64.
Who decides on the look of your adverts? S Singh, London
The look of adverts is a group decision within the company. There are a number of things to release games which were previously crippled by multi-load. Surely the Games series would have sold well on cartridge? Richard Mullen, Hants With the Games series there was a technical problem in that it would have required a different kind of loader and needed players names to be typed via a keyboard, which the 64GS didn't have. (Um, as you can probably tell, I'm not a technical bod, so I got this info from someone at USG who knows about this sort of thing). There are similar

How much rivalry is there between the major software companies? Andrew Jackson, Zandvoort, Netherlands Oh, we have a few punch-ups with Gary Bracey (of Ocean) at shows. No, seriously, it's all pretty friendly and civilised (honest).
How do you become a PR person? What qualifications do you need? Do you need extensive knowledge of computer games? Lucy Warren, Shropshire
There's no one way into PR. Both academic qualifications and game-playing ability are needed in equal balance. You also need to be able to get on with people, and be prepared to put up with having meals with Trenton.

## SHORTIES

Is PR a well paid job?
Yes, vastly. Um, actually it varies. Do you try to influence the games reviewers' opinions?
Never - they wouldn't stand for it.
Do you have to speak lots of languages? It helps, but most Europeans can speak English. I'm fluent in Brummie, know a little German and can translate Trenton's wurzel. Are you based in America?
No, Birmingham. (England, not Alabama.)

- It's the address that everyne's been waiting for: US Gold, Units 2-3, Holford Way, Holford, Birmingham (England), B6 7AX. - 0216253388.


## THINGS TO COME

It's still not too late to send in your questions to the final four industry big wigs* ${ }^{*}$ we have lined up, namely Kelly Sumner (Managing Director, Commodore UK), David Darling (Managing Director, CodeMasters), Ken Lockley (Public Relations Executive, Ocean) or Jeff Minter (Programmer and Director, Llamasoft). Jot down your query on a scrap of paper, stick it in an envelope and send it to us at the Face to Face address at the top of the page.

## GAMESMUASTER




MEGADRI
John Madden Challenge.
Lotus Turbo Chall Road Resh 2
SUPER NES Kick Off, Robocop AMIGA
AMIGA
Elite 2, Nigel Mansell's World Championship JAMES
POND 3 Amiga, SNES and Mega Drive - first pictures

you'll find an ENORMOUS and thoroughly splendid double-sided Desert Strike poster-
calendar. Guaranteed to make even the grimiest bedroom/ office/doctor's waiting room a more exciting and informative place to be, it boasts not one but TWO excellent pieces of chopperrelated artwork for your edification (or something).

Maximum information with minimum fuss. Each month, the newest games for all the major formats will be reviewed by our merciless team, including a host of guest reviewers from the show. More grab-maps, more beginner's tips and more facts.


And there's also a 100-page tips book with codes, cheats and hints for more than 250 red-hot games! Use of this handy volume will transform even the most inept gamer into a victorious software gladiator! It's not called The Winner's Handbook for nothing.

GamesMaster Magazine is an all-new games guide from Future Publishing. We've teamed up with the people behind the GamesMaster TV show to produce the smartest, liveliest and most informative reading experience ever! If you like the TV show, you'll love the mag. because each issue will give you a month's worth of concentrated GamesMaster excitement!
Every month we'll bring you exclusive info from Japan and America as well as the UK.
We'Il be reporting on both official and grey import releases, and giving a full release schedule for the whole of 1993. GamesMaster: soon you'll be able to hold it in your hand....

## FIRST ISSUE IS ON SALE THURSDAY 3RD DECEMBER

Your guarantee of value

42 CF SPECIAL

When we whammed Saracen Paint on the CF25 Powerpack we had no idea what we were unleashing. We made one little mention of sending us your pics on the contents pages and your entries flooded in. We were also running a special subscribers' compo, where we challenged the 'Subs Club' to draw a jokey title screen for 'games that never were' such as RubberCod, Cook and Attack of the Genetically Varled Dromedaries.

And here we present a representative spread of the piccies we've recelved. We needed a real expert to guide you through this pixel parade, but we couldn't find one. Then Ian Cyclopedia said his brother knew a bit about painting and so we asked him instead. So, ladles and gentlemen, please welcome... Vincent van Cyclopedia. (Are you reallysure about thls, lan? - Ed).
peter Jones, Gwent. Ased the same Hieronymus Bosch used te capture the echniques as peth. of course in eeling of anguish. © more characfeeling , Bosch used molways Inferno, but more is not alwas tightly ters, but more focuses tig surbetter and Peic fish. Can he sisw. What is on the robothe pragmatist's view. wiew. vive? is the prag existentialis?
survival? is the survival? is

D Wesson, Sheffield $\nabla$
A logo is more than your name: a logo represents you, it states your case and explains your purpose in a single artistic statement! Here Mr Wesson has used colours to create a cyber-metal effect which combines with the airbrush style to create a pop-art feel. It's powerful, it's punchy, nay even raunchy, and it really says Commodore Format to me! (But it says Commodore Format to EVERYBODY Vinny! - Ian.) Yes but it says CF in so many different ways all of which try to describe the mag's unique appeal... (Oh shut up! - TME)

## Leon DuMont

Cambridge.
This one reminds me of the early works of Magritte. Ostensibly the base is that of ordinary life - represented by a suit of armour, a gun and an orange fish - but flipped with the introduction of the stretched head. I see this as a statement that rallies against
the art world. As a statement it the art world. As a statement it
works, but is it art? Well, erm, yes


W H Brade.
Surrealism is a tough nut to crack, but once you grasp its basic principles you're off and handbag. Here the legend of Wounded Knee is neatly captured and transposed to the world of a modern housing estate. Its true power is that it forces you to question: why the pyramid? Why the elliptical clock? Why can't giraffes whistle?


JK $\quad$ -
A masterpiece, a true discovery. This one takes the biscuit - and probably baked it too! It manages to pastiche the Hook mythos while retaining that vital spark of individuality. It epitomises the Harry S Truman epithet, "If you can't stand the heat, get out of the kitchen" brilliantly. Who is this mystery artist? What new artistic movement does he represent?

## James

O'Leary, Chatham A
Based on the famous Renoir Midnight Resurgence, this work has a cadence that's hard to ignore. Note the symbolic positioning of the characters around the effectively square house, yet despite this there remain post-modernist elements which offer urgent contradiction. Can the work survive this struggle? I think maybe it can, but this underlying question adds a tension that is really rewarding.

## PRACICE, AS THEY

 SAY, MAKES PERFECIStill struggling to get the hang of Saracen Paint? Don't despair keep on plugging away. What you have is a powerful tool that can create stunning graphics. As an example look no further than this month's demo of Sceptre of Baghdad. The title screen and the graphics were all created in Saracen Paint So stick with it and soon you too will be pixel painting with the very best!


CUBIST FORMAT December 1992

## NOW A TOTAL MOUSE/

 GRAPHICS PACKAGE FOR YOUR COMMODORE
## UNBEATABLE

 PRICEM!This Commodore Mouse is a high resolution two button mouse featuring optical counting, teflon guides, microswitches, rubber coated ball and high quality interface.

When combined with OCP Advanced Art Studio this graphics package is quite simply the best system available. The features are unmatched...

- Create an image - shrink it, expand it, move it, rotate it, copy it, colour it, etc., etc. Spray patterns or shades, make elastic lines - stretch and manipulate shapes. - Zoom in to add detail in fine mode. - Pulldown/Icon driven menus for ease of use. - Mouse operation, plus joystick and keyboard control.
- 16 pens, 8 sprays, 16 brushes - so flexible anyone can create supe.b graphics easily. - Full cut and paste facilities plus excellent printer support.



## FREE! <br> MOUSE MAT AND MOUSE HOLDER <br> (WORTH £12.99) <br> WITH EACH PACKAGE

## LC 200 CO OUR PRINTER PACKAGE

## NOW YOU CAN PRINT OUT YOUR PICTURES IN FULL COLOUR!

- The Star LC200 Colour Printer not only prints in Near Letter Quality for your regular jobs but also prints out your pictures from Art Studio, Action Replay, etc., in generous colour!
- LC200 is a full Centronics printer so it works with other computers (Amiga, ST, etc.).
- Made possible by Datel's unique colour printer driver now you can have a hardcopy in up to 16 colours!!

PACKAGE INCLUDES STAR LC200 COLOUR PRINTER RRP E345.00
SPRINT 128 PRINTER INTERFACE RRP E29.99 DATEL COLOUR PRINTER DRIVER SOFTWARE RRP £19.99 NORMALLY £394.98
COMPLETE PACKAGE NOW ONLY £259.00

## COLOUR PRINTER DRIVER AVAILABLE SEPARATELY ONLY £19.99

- If you already have an LC10 or LC 200 Colour Printer we can supply the Driver separately. - Works with Serial Version of LC10, Parallel Port, Sprint 128, etc.


The 1541 Mk II is a superb quality Disk Drive specially designed for the Commodore 64/128.
TOTAL PACKAGE INCLUDES 6 GAMES
ONLM 2149.99
ADD ES IF NEXT DAY COURIER IS REQUIRED
DATEL MIDI 64 INTERFACE PLUS ADVANCED MUSIC SYSTEM
ONLY 839.99
available on disk onty

- The Advanced Music

System may be the best
MIDI/music package produced for the 64/128 offering a huge range of musical composition features \& MIDI compatibility, with the Datel MIDI Interface you have UNBEATABLE MIDI PACKACE! the TOTAL MID
the TOTAL
sOLUTION!



Electromics

OTHER COMMODORE ACCESSORIES


## DATADUX

- 3 additional cartridge slots provided.
- Wear and tear on the original connector reduced. - Switch provided for selecting between game cartridges rather than constant unplugging.
- Reset button built-in.

ONLY £16.99


SPRINT 128

- Full feature Centronics Printer Interface.
- Connect your 64/128 to a range of full size Centronics Parallel Printers.
- Easy to use - supports Commodore Graphics Set. - Onboard Microprocessor Chip means no more programs to load.
ONLY £29.99

- Quality Commodore compatible Data Recorder. - Pause control. - Three digit position counter. - Counter reset. - Comes complete - no more to buyt
ONLY £29.99

222, TOTTENHAM COURT RD,
LONDON, W1. TEL:071 5806460

HOW TO GET YOUR ORDER FASTI TELEPHONE [24Hrs] 0782744707 CREDIT CARD ORDERS orders normally dispatched within 48 Hrs. all cheques/postal orders made payable to. AD DATEL ELECTLRONLCS VIS
GOVAN ROAD, FENTON INDUSTRIAL ESTATE, FENTON, STOKE-ON-TRENT, ST4 2RS, ENGLAND. FAX 0782744292 TECHNICAL/CUSTOMER SERVICE 0782744324


## WARNING 1988 COPYRIGHT ACT WARNING

Datel Electronics Ltd., neither condones or authorises the use of it's products for the reproduction of The backup facilises of this product are designed to reproduce onty software such as Public Domain material, the users own programs or software where permission to make backups has been clearly

It is ilegal to make copies, even for your given use, of copyright material, without the clear permission of the copyright owner, or the licencee thereof.


## I MEAN, LIKE, WE'RE TALKING 100\% PURE SEGA MEGA DRIVE...



## SONIC 2 STRIPPED BARE

 Of course, you don't have to read MEGA's exclusive six pages on finishing Sonic 2.We can't force you or anything.

## You can't always get them to

 do what you want, these C64 things. But Jason Finch can. He's clever like that. So make use of his extraordinary knowledge and send your techie posers to Inside Info, Commodore Format, 30 Monmouth Street, Bath BA1 2BW.

TYPE-IN TRAUMAS
Dear Inside Info, 1) In CF23 Mark Bennett wrote in about wrote in abo POKEs not working and the
reply said that if a listing was saved to disk it was unlikely to work. Why? I've saved loads of listings to disk which work with some games but not with others. I thought that if you typed in something and then saved it, when you later loaded it back, it was the same as typing it in directly 2) Can you tell me if there is a POKE that I can use to switch off the user port? I have a printer connected by an RS232 interface and some games don't run if it's connected. 3) I have a cartridge motherboard and if I plug in my Power Cartridge and switch the slot off, when I switch on the computer the screen goes grey and nothing comes on the screen. Why is this?
Mr D Hope, Forth Lanark.

1) The confusion here is to do with the actual code that the listings create. What you get when you load it back from disk is exactly the same as what you'd get if you loaded the listing back from tape, which in turn is the same as what you will have typed in. It's what is generated by that listing when you RUN it that is the issue here. Disk versions of games are often different from the equivalent version sold on tape. They may not appear to be on the surface,

Typing in listings can become a bit of a nightmare, but surely not this bad!
but the code and the way the game loads usually vary. That's why some listings won't work with certain games - it shouldn't be to do with the fact that you are loading the listing from disk.
2) There isn't one that I'm aware of that wouldn't be changed by the game once it had loaded. The reason some don't work is due to the fact that the computer alters quite a few pointers in memory when it has to cope with the presence of an RS232 device. Other than to disconnect it, I can't think what you else can do to rectify this problem.

Yes indeed. Have a look at the program below; assuming you can program in Basic you should have no problem understanding what's going on. Just expand on the principles - add more DATA and change the number 2 in line 10 - and you should be able to use the DATA lines created by your designer program so that you can view your User Defined Graphics.
10 FOR $\mathrm{N}=0$ TO
 50 NEXT X,N
60 POKE 53272,24

```
70 DATA 255,255,195,195,195,195,255,255
```

80 DATA $3,6,12,24,48,96,192,128$
90 DATA $170,85,170,85,170,85,170,85$
 DEVICE
DILEMMA
Dear Inside Info, How can I tell in a program if a disk drive is connected to 3) Datalux boards are not always reliable it depends a lot on the cartridges plugged in . Basically either your motherboard or Power Cartridge is faulty. If the Cartridge works when plugged into the back of the C64 then I would send the motherboard back to where you bought it from and ask for a replacement.


PUT ON DISPLAY Dear Inside Info, I am interested in defining my own character sets and have managed to get hold of a character designer that generates DATA statements. But I don't know how to use the lines in my own Basic programs. Please can you help? JJ Schouten, The Netherlands.
 the computer and if there is a disk in it? I have written a Basic program which asks whether the user wants to save some information to tape or disk. If 'disk'

48 TECHY TTPS
is selected and no disk drive is present, the program stops with an error. Steve Gillman, Poplar.

In Basic there is no simple way to detect whether or not a disk drive is present; it is much easier in machine language but you didn't mention whether that would be acceptable. As to whether a disk is present, that's a bit easier. Try something like this: 10 OPEN 15,8,15,"T0" INPUT\#15, E: CLOSE 15 20 IF E $>0$ THEN PRINT "ERROR"
The first line opens up the drive's command channel and attempts to initialise the disk in the drive. If there isn't one, an error will be generated by the drive itself and will be
returned in the variable ' $E$ '. Line 20 then checks to see whether an error actually has been returned. If so, no matter what it is, the program will display the word 'error'. You can obviously adapt this to your own needs.


## GET OR INPUT?

Dear Inside Info, I have been trying to write a menu program in Basic. Could you tell me what is wrong with the following code? No matter what number I type it always goes to line 1000 then the second time it prints 'RETURN WITHOUT GOSUB ERROR'
10 INPUT"CHOICE"; AS
20 GET A\$: IF A\$="" THEN 20
30 IF AS $=$ " 1 " THEN GOSUB 1000
40 IF $A \$=0^{2 n}$ THEN GOSUB 2000
Please help!
Gerald Whitaker, Renfrewshire.
The problem here is to do with the INPUT and the GET statements. You don't need both. The first line of your program reads in a value and stores it in $\mathbf{A} \$$. The second line then scans the keyboard again and replaces your original entry with another. Therefore A\$ is not equal to what you originally typed in and the program simply doesn't jump to any line - it 'falls through' to line 1000.

If you were to insert a line 50 with an END statement in it, you would find that

## your program appeared

 to do nothing. So all you need to do is remove line 20 from the listing and everything should work perfectly.

PRINTING DIRECTORIES
Dear Inside Info, How can I print disk directory listings on to paper so that I can stick them to the disk sleeves? Arjen Langebaerd, Holland.

To print directories out, you simply load them in as a program (LOAD" $\$$ ", 8 ) and then give the following command, assuming your printer is connected as device four: OPEN 4,4: CMD 4: LIST
When the printer has finished, enter:
PRINT\#4:CLOSE 4


years and learnt how to pro- gram in Basic and a bit in Assembly. Now I would like to go further and buy an Amiga and start to program it using C and Pascal.

The only problem I can't solve is that I have heard that you need a SCART lead to connect an Amiga to a monitor but will that lead connect to an old Commodore 1701
monitor? There are three sockets on the back of my monitor which are called Audio, Luma and Chroma. I hope you can answer this question as it has been puzzling me for quite a while. Simon Perry, Kidderminster.

## I hope you're

 not going to be turning your back completely on your trusty old 64? Hmmmm, anyway, l'll give you the benefit of the doubt and deign to answer what is essentially an Amiga question. In order to connect an Amiga to a monitor, the monitor must have an RGB input which your Commodore 1701 simply doesn't possess. I would recommend that you get hold of a 1084 S monitor which should come with the necessary leads for Amiga connection. Other than that, try to get hold of a second-hand package including an Amiga with compatible monitor. (Amigas can also be connected to normal television sets using a modulator - the 600 comes with one built in assuming that you don't mind a drastic reduction in resolution.)

MOVING SPRITES
Dear Inside Info, How can I make a sprite move around the screen? Robert Drury, London.
Once you've got a sprite displayed on the screen, you can move it around by giving the command poke 53248, $x$ to change the positioning of it across the screen, and POKE $53249, \mathrm{Y}$ to change its vertical placement on the screen. In both of those commands, x and y are variables. For example, if you do all the POKEs and everything else that displays a sprite on the screen, the following program will allow you to move it around using a joystick.
$10 \mathrm{X}=150$ : $Y=100$
20 POKE $53248, X$ : POKE $53249, Y$
$30 \mathrm{~J}=127$-PEEK (56320)
40 IF JANDI THEN $\mathrm{Y}=\mathrm{Y}-1$
50 IF JAND2 THEN $Y=Y+1$
60 IF JANDA THEN $\mathrm{X}=\mathrm{x}-1$
70 IF JAND8 THEN $\mathrm{X}=\mathrm{X}+1$
80 IF $\mathrm{Y}<50$ THIN $\mathrm{Y}=50$
90 IF $\mathrm{Y}>250$. THEN $\mathrm{X}=250$
100 IF $X<24$ THEN $X=24$
110 IF X $\quad 255$ THEN $\mathrm{X}=255$
120007020


ART
PACKAGE
Dear Inside Info, What is the best art package for the Commodore 64 and how much does it cost? Please tell me as I haven't got a clue.
Tony Bowen, Pembroke.
A rather excellent one, Saracen Paint, was featured on CFPowerpack 25 (And CF25 cost Just £3.25. For ordering your back issues please turn to page 64. This has been a public service announcement Dave). But another good one is the OCP Advanced Art Studio which is available from Datel Electronics in Stoke-on-Trent Z 0782 744707. It costs $£ 34.99$, and the package includes a mouse, which is handy when doing arty things.


## SPEED IT UP

Dear Inside Info, In CF20 you printed a POKE that would adjust the cursor speed - namely POKE 56325,0-255. While this works perfectly well it unfortunately also adjusts the system clock and as a result the computer cannot keep real time. Please

too difficult. Otherwise you could redefine the character set. We supplied you with a program to do just that on the CF19 Powerpack (Back Issue plug alert!!! See page 64 for ordering your back copies of Commodore Format - Dave). Or you could try typing in this simple program:
1 POKE 56334,0: POKE 1,51
2 FOR $X=0$ TO 2047: POKE
$12288+\mathrm{X}$, PEEK $(53248+\mathrm{X})$ : NEXT X
3 POKE 1,55: POKE 56334,1: POKE 53272,28
4 FOR X=0 TO 7:READ Y: POKE
13568+X,Y:NEXT X
5 DATA $062,065,085,065,093,065,062$, 000

When you run the program it will take about two minutes to do its stuff. And what's its stuff? Well, it'll turn the cursor into a little face (sort of). The first three lines take the character set from where it normally resides in memory (where you can't do anything with it) and puts it in an area where you can fiddle about with it. Lines four and five actually change the cursor. Play around with the numbers in line five to achieve different results. For example, make all the data values zeros except the last three; make these 255.
What you'll get is an underline cursor of the sort you get on PCs.

 MOVING SPRITES 2 Dear Inside Info, I managed to get hold of a C64 computer a couple of months ago but it didn't come with a manual. l've been trying to work out how to get sprites displayed on the screen and how to move them about. I don't suppose you could offer me some advice could you? Andrew Hawkins, Skelmersdale.

Hey what else am I here for? (To inflate Trenton's ego? - Dave) That's what that Trentabulous Ed person hired me for. (Don't overdo it - Dave.) First of all there are a number of different attributes to a sprite that need to be changed or set. It would be impossible for me to mention here everything you need to know about sprites so l'll concentrate on how to set up one sprite.

The computer has one chip that governs all the graphical aspects of the C64 the VIC (Video Interface Chip) - and the locations in memory that are important start at 53248 . The following short Basic program will set up a sprite on the screen for you. Afterwards l'tl quickly go through what each line does.

10 POKE 53248,150: POKE 53249,100 20 POKE 53275,0
30 POKE 53276,0
40 POKE 53271,0: POKE 53277,0
50 POKE 53287,0
60 POKE 2040,32
70 poke 53269,1
Right then, line 10 will position the sprite wherever you want it. 53248 is the address for the horizontal position and 53249 that for the vertical position. Line 20 controls what is called the 'sprite to character priority' and it determines whether the sprite is displayed in front of character data on the screen or vice versa. Change It to 20 POKE 53275, 1 to see the effect. Line 30 controls the multicolour register and will change the look of the sprite quite a bit if you change it to 30 poke 53276,1 . If you set mutticolour to ON then you also need to change locations 53282 and 53283 which determine the different colours. You should also notice that the resolution of the sprite is halved - it looks more blocky that usual. This is the price you pay for added colour!!

Line 40 controls the expansion of the sprite. In some games, like Creatures 2 for example, you'll see sprites that are bigger than normal. By changing the 0 s to

1s you will get a different effect. 53271 is the vertical expansion and 53277 controls the horizontal expansion. Either or both can be 0 or 1 . Line 50 is the colour of the sprite any value between 0 and 15 will get a different result and the colour numbers are the same as those for the border and background colours given when you issue the commands POKE 53280, x or POKE 53281, x.

Line 60 determines what the sprite looks like. Basicatly the memory is split up into a lot of different chunks of 64 bytes. Different numbers after the pore 2040 bit give different results. You have to give the computer some DATA as well but to go into all that is beyond the scope of this section unfortunately.

The last line of the program is the 'sprite enable register'. It allows the sprite to be viewed on the screen. POKE 53269,0 will switch it off (ie, make it disappear).

In this short space I haven't covered everything you need to know. As I seem to say with alarming regularity it's a subject that deserves a feature to itself. But you should be able to piece together enough info from this answer and snippets from previous Inside Info columns to achieve what you want. (Previous columns? Hey, have I mentioned Back...? - Dave.) (Yes! Shut up! - Ed.)

## The Apex Boyz,

> Steve and John Rowland, have decided on the basic plot idea, main characters and gameplay-style they want for their next blockbuster, Mayhem in Monsterland. Now in the second month of the game's development, they begin the hard work - programming.

0nce we have the initial design of the game completed it's time to start programming. The first routines we tackle in our games are the screen-handling routines, which include video bank, scrolling and decompaction routines. We can't, for example, start with the player/enemy collision because there aren't any on-screen enemies yet, and we can't create the enemies until we get the scrolling worked out (the enemies are directly linked to the scrolling level, you see). The player can't even run around, as the screen's blank. In fact, nearly all of the ingame routines are based on the scrolling level. What we do is create a priority list, programming the routines at the top of the list first, and working our way down.

With the (rather spiffy) player sprites we designed last month and with the scroll routines about to be written we produce temporary test graphics. These will look relatively basic in design, but are used purely to test every condition in the scrolling routines; for example, checking that the colour scrolls correctly on every character. Once these are created the level
graphics need to be transferred from the pencil sketches that were drawn last month on to the C64. Mayhem's task will be to spread joy and happiness throughout Monsterland (Urgh! Sounds a bit girlie to me - Roger), literally changing the appearance of the levels from sad and downcast to bright and happy. This means that we're going to have to construct two sets of

The Boyz with the goodz, Steve (on the left) and John (not on the - eft ).
 walk, run, jump, bounce fly and swim, not to mention die in dozens of gratuitously violent ways. So it comes as a great relief to be developing a game without Clyde and Co in it. We're going to use a similar scrolling technique to the one used in Creatures (just can't seem to get away from it) so most of this week was spent sifting through the Creatures source code, extracting the routines I needed for the Mayhem scroller. This will enable me to scroll the entire screen with colour on every character and at almost any speed (unlike other games that scroll twothirds of the screen, with few colours and at relatively slow speeds) - so there!

STEVE To echo what John has been saying YES!!! No more Fuzzies!!! 'll have to do some basic test graphics instead (but then, John says all my graphics are basic). These consist of some reversed characters in various colours (to test the colour scroll), some hi-res background colours (to test out any parallax that may be needed) and the odd (very odd) background platforms to test out player/background detection - when it's done.

Now with that lot out of the way, I grab my 2 B and some recent sketches of level ideas and get on with drawing a good selection of platforms and backgrounds. There will be two character sets for this part of the game - Sad and Happy. I've made up my mind to design the Happy graphics first and then tone them down to Sad. It should be easier to create new levels which are bright and colourful, then tone them down than the other way around.

## WEEK 2

JOHN All Mayhem in Monsterland consists of at the moment is a few screen set-up routines and the scroller. I've finally got the scroller to scroll now, even if it is just with the old Creatures graphics. It still only goes one way (from left to right), so l've got to spend days (make that weeks) upgrading it to the specification that we require.

Initially this means making the scroller bi-directional (so that it goes from right to left as well), but I also want to make it a hell of a lot faster while simultaneously cutting down the processing time it takes. Sounds impossible? Well, maybe it is, but l'm going to give it a go anyway!

STEVE Unlike the Creatures $1 \& 2$ graphics, Mayhem in Monsterland's will be more abstract with brighter and clearer colours. We thought that an abstract feel to the backgrounds would make this game stand out
from other C64 titles, setting new standards (low ones, probably!).

One of the bad things about Creatures was that when you were walking along the scrolling level and came to what looked like a slope you had to stop and jump up it. With Creatures 2 John actually put in code to make you walk up slopes, but this was only used on one torture screen which happened to be the last one in the game. Mayhem is going to feature hundreds of different slopes that Mayhem can run up and down at great speed (or so John tells me). With this in mind I've started drawing some slopes which John can use to test his slope code when he gets around to writing it.

JOHN It's nearing the end of the week, now, and l've got a long way to go before this damned scroller is complete. It's proving to be a tad harder than I thought. Oh well, it's Friday, so I'll have to drown my sorrows in copious amounts of extra strength cider in a nightclub tonight. (l'm starting to wish I had something go wrong every Friday.)

## WEEK THREE

JOHN Well what do you know? I'm still working on the scrolling. I love spending
 weeks on the same piece of
friendly the game will feel. It shouldn't feel sluggish or unresponsive. Mayhem should do what you want him to do, when you want him to do it. Which luckily, he does. We call this the User or Player interface. I just need to make the minimum distance he walks when he swaps directions smaller, ho hum...

STEVE I'm taking a break from the level graphics to do some Mayhem music. There were lots of pieces of music written for Creatures 2 that were never used, a few of which could be adjusted slightly to make them good enough to use in Mayhem. Others will be started from all sorts of inspiration. Be it at a club, singing in the bath, on the... whatever. I have started a bit that was loosely based on the music on the Creatures 2 demon screen message print, and it's pretty good, too.

I spent the second half of the week designing a new game font. It's all in upper case, though the idea of having upper and lower case in the same font was in contention. We decided against that, though, because all the letters and numbers will be designed using four characters (arranged in a square), and with around 70 of them to draw ( A to Z upper case, a to z lower case, 0-9 and some punctuation), there wouldn't enough characters in the C64 character set to be able to come up with the amount of combinations we would need. The font wasn't finishedy by the end of the week, but it should be ready so that you can have a sneak preview next month. (Can you stand the suspense?)
code about as much as I love being stuck in a lift with nothing but a rabid rottweiler for company. But at least it's getting there. Honestly it is. It's scrolling left and right under joystick control with some spiffy inertia which takes the initial speed of 1 pixel per 50th and accelerates it up to an amazing 8 pixels per 50 th of a second (which is only eight times faster than Creatures $1 \& 2$, grin).

There are, however, a few bugs which need fixing, with one of the nastier ones only occurring every couple of days. I hate it when these pop up because you can't always tell if you've fixed them as you have no idea when they will happen next. But anyway, at least most of the scrolly code is done now, giving us a rough idea of how the game is going to feel.

STEVE These graphics are looking better every day. A lot of the stuff added in the last week has been designed around geometric shapes. For example, some of the platforms are based on triangles and pyramids. Some bushes and

## THE SAGA

## CONHINUES

Check out issue 28 for the next excellent installment. Yes siree, we 'Il be back in 30 (ish) days with yet more frivolous details of Monsterland production. Ranging from the creation of the new levels through to getting
Mayhem to run up slopes and ending up in our usual Friday night state of inebriation.
colours to these graphics. I'll have to think of something to make it more cheerful, like smiley faces everywhere.

It's a shame it's Friday afternoon already, as this means that tonight we will engage in our weekly ritual of guzzling gallons of alcoholic beverages. (I so look forward to the weekend.)

## WEEK FOUR

JOHN This week is player interface week. Yep, I've been teaching Mayhem to run jump and fall around the landscape. l've also written the 'charge-mode' routines. Mayhem normally walk around at a maximum of 3 pixels per 50 th of a second, but pressing fire activates his charge-mode, causing him to charge at the megaspeed of 8 pixels per 50th of a second. As he charges he leans forward (with some radical animations which blur his feet because of his immense speed) and sticks his horn out (ooer). This will be used to impale his adversaries, but only when he's charging. Normally he must These basic shapes are quite effective, and relatively console-esque. This level, so far, also has a fair amount of chequered backgrounds. I still need to add some more
jump on the bad guys to kill them. (Now, where have I seen that before?)

With Mayhem jumping around now we're getting a pretty good idea of how user

## IAN <br> CYCLOPEDIA'S GUIDE TO SPEED AND HOW TO HANDLE IT

The Rowland 'Boyz' (although it's against my nature to use such abuses of language, in this case I will bow to their lexigraphical preferences) have been using a lot of expressions like ' 3 pixels per 50th' this month. What do they mean? Well your TV updates its screen 50 times a second and the Boyz can tell your C64 to do the same thing. This means that if a sprite moves one pixel every 50th, in one second it would move 50 pixels. If a sprite moves 2 pixels per 50 th then in a second it will move 100 pixels, and so will appear to be travelling faster.

When the 'Boyz' say that they're scrolling the entire screen at 1 pixel per 50 th, this means that all the platforms will move a distance of 50 pixels in a second (as with Creatures). But when they mention speeds of 8 pixels per 50th the platforms will be moving at a whopping 400 pixels per second. In other words, Mayhem is going to be an outstandingly fast game. You're going to need very fast reflexes to survive.



#### Abstract

here, but they were wrong! The Mighty Brain has escaped and is looking to get even... by answering any letter marked TMB, C/O Commodore Format, Bath, Avon BA1 2BW! It doesn't sound quite right, but it's true!


## > it could never happen <br> <br> it could never happen

 <br> <br> it could never happen}
## SONIC THE GECO?

Dear TMB,
I would like to inform Max D (TMB CF25) that there are women Space Marines but they do not fight alongside the men.

Now, l've got a few questions I would like to get out of my head.

1) I heard many months ago that US Gold were taking over the Sega company and that Sonic the Hedgehog might be coming out on the home computer. Is this true?
2) Will the Christmas issue of $C F$ be bigger? 3) Why is it that most of the reviews of budget games aren't done by Roger Frames?
3) Will you be putting demos of Alien 3, The Lawnmower Man and Streetfighter 2 on Power Packs to come? Charles Johnstone, St Andrews
4) The world of corporate take overs is a dangerous one. Little fish get eaten by big fish, big fish get eaten by bigger fish, then the bigger fish get eaten by even huger fish in turn. In this economic ocean US Gold are a big fish - highly chunkified I think you'll find - but Sega are an even bigger fish - say about thiiiiiiiiis big! (Yes big
enough to last even Dave a couple of meals.) So a takeover was never on the cards, although they were rumoured to be at the head of the pack in pursuit of the licence to produce Sonic on all home computer formats. This deal hasn't come to pass - yet. So for the foreseeable future there's little chance of seeing Sonic on the C64. 2) You should be able to work out the answer to that one yourself now. 3) It's a question of originality, you see. Roger currently reviews only re-released budget titles. These are the games that have already had one bite of the review cherry in CF and we realised that second time around they didn't deserve the same number of column inches as brand, spanking new, original budget releases. So we moved original budget releases out of Roger's section (It's a conspiracy! - Roger) and put them in the main games section.

Mr V. Tibbs

## RHYME NEVER PAYS <br> Dear TMB,

You can hide it no longer, I have uncovered a conspiracy in Commodore Format. Yes, Roger Frames is a fake, and I can exclusively reveal his real identity. He is none other than James Leach, Dep Ed of Commodore Format. How do I know, you ask? Well on page 49 of CF25 in the Badlands review 'Roger' or rather James is exposed. You see 'Roger' has written a sentence and then Dave (Golder) says, "bad grammar James", referring to the previous sentence and implying - shock, horror, gasp, scandal - that James wrote it, which in turn implies Roger Frames is James Leach. I have taken great risk to leak you this info and my life may be in danger, but they'll never take me alive!
Yours 'on a hideout tip, 'cos they're after me',

While your evidence appears sound it is - unfortunately - wrong and Roger Frames does exist. It is true that Dave did feel the need to publicly pull the author up at this point - it was after all a sloppy bit of work. This explains the insertion. The entry you quoted was much like the original he typed, in every respect but the name. On the first draft of the page Dave wrote Frames. He then passed it to Lisa to lay-out. Like any good designer she read the piece and came across Dave's remark.

Now it appears - to me at least - that Lisa has taken young Roger under her wing and so she changed the name to that of her arch-enemy James (they were at each others throats all the time!) This change was missed at the proof reading stage and went to print. Simple!

Besides, if Roger was really James, who wrote Roger's section up until CF18? And more to the point, now that James has left who wrote it this month?
4) We'll put demos of all the latest and (potentially) greatest games on our tape, so you can decide if it's the kind of game that you want to spend your cash on. Saying which month a particular demo will be on the Power Pack is a tricky business, coding games being such a creative business. What I can promise, though, is a demo of
Streetfighter 2 in the next couple of months!
TMB

## GREAT SCOTT!

Dear Blob (TMB),
As you are the mightiest of brains I know you will answer my questions.

1) Is there a system which can transfer Sega
games to Commodore cassettes?
2) Do Dizzy games have levels?
3) Is Creatures 2 worth its price? 4) Is this letter going to end up in the bin? Yours hoppingly (Hoppingly? - TMB.) Joe Bloggs, North Pole.
4) Nope. Sorry, Sega systems and C64s are completely incompatible.
5) It depends on which Dizzy games you're referring to. The Dizzy arcade games (eg, Bubble Dizzy, Dizzy Down the Rapids) do have levels, as the aim in these is gaining points. The Dizzy Adventures (eg, Treasure Island Dizzy, Dizzy Prince of the Yolk Folk) don't have levels because they concentrate on solving puzzles. Both also work on a number artistic levels, most obvious of which are Dadaist and Surrealist.
6) Yes, yes, yes, yes. But if I haven't made myself clear, check out the complete guide to Creatures 2 this very issue, starting on page 10, I think you'll find! 4) Yes!

TMB

## AROMA THERAPY

Dear TMB,
l've got a few questions for you.

1) Why don't you do a full review of MUD?
2) Why are you such a pleb?
3) Do you like smelly feet?
4) Do you know how to make a computer from a banana?
5) Is this question 5 ?
6) What would happen if I put you in a microwave? (Yum, yum!)
7) Don't ya just love meat with all the nice blood pouring out of it? I do!!!!!!!!! PRD, Aberdare.
8) It's the regional difference in consistency you see. Down in the South West it's all firm, in the East it's more dampish, while up North they have quality soil! Ah, erm, wrong MUD. Yes, we might do something on Multi-User
Dungeons in the near future!
9) I'd love to have been a pleb! Think of it - the freedom to wander the streets in Ancient Rome, to live at the height of the Caesars. It would have been most fascinating. Unfortunately, I am not and will never be a pleb.
10) As a person who has no limbs, I'm not all that keen on feet. Luckily, as I don't have a nose either, smelly feet are no more offensive than fresh ones!
11) Doesn't everybody?
12) If it's not then this isn't answer 5!
13) It would probably end up in a nasty accident - for you!
14) I prefer blood flowing through meat as part of a living, breathing animal! Of course my different dietary needs to yours mean that I am spared this moral dilemma.

## A LITTLE BOARD

Dear grey blob with brainpower,
Hello. I would like to ask you a few questions. As this is my fifth letter to you if you don't print
this one, I will buy a pin-up poster of a brain and throw darts at it. 1) Which game was the biggest ever, with the most levels? 2) Have you ever printed a quick cheat for Rainbow Islands? 3) Has Rainbow


## AHI, HAPL OLE AO LF MADO Dear TMB, Please

1) Do you like Eldorado?
2) When will Eldorado?
3) When will Nick Faldo's Golf be out?
4) How come Five Onarge be out on budget?

Pack didn't have the illustrations that were the CF24 Power when you reviewed the game? 5) What's the capital of Wame?

Yours wonderingly,
M Pengellyy, Plymouth

1) I'm not sure to which Eldorado you're referring. The place is a myth, so I wouldn't know. The film was a bit soggy, riddled with western clichew. The film was a bit a highly inne could save it. As for the TV progen the great 2) Soon, Decemt brain, so what do you think? 2) Soon, December'ish 1992 .

## 3) As soon as it's sold over.

past all the System 3 buver to a budget publisher. In the out on the Kixx Label. At the stuff seems to have gone looking for the next crop of budget they are currently to Face on page 30 for more details) scorchers (see Face 4) The version featured more details).
sion, which came complete with som was the disk verOn tape, though, these would have me pretty neat piccies. unbearable multiload from hell so made the game an didn't put them on. The Famous Five Enigma Variations Pack was obviously the Famous Five game on our Power
5) Apia, with 5) Apia, with a population of version.
head of state - the equivalent of your Queen and the America's President - is called the Or Queen and Now that's what I call a title!

Islands been reviewed in CF? If so what did it score?
4) In Famous Five On A Treasure Island (Power Pack 24) how do you make friends with George? When I try she always says 'get lost' or something like that.
5) Is there life on Mars?

Hoppy the Bush Kangaroo.

1) The biggest ever would have to have been the Ultima Series which progressively mapped an entire continent or Elite which gave you an entire universe to explore (plus 'Witch Space'). As to the number of levels, that's an impossible question to answer. The problem is with games like Lode Runner (which had over 100 levels) you also got a level designer. This means that the actual limit was virtually infinite, the upper limit being dictated by your imagination. 2) We haven't printed a quick cheat, but a very long one, a complete solution to the
game, stretching over 10 pages (CF21 four pages, CF22 four pages, CF23 two pages). Have you tried reading faster?
2) It was released at full price before

CF ever came into being, but Roger Frames caught it in his budget re-release safety net only a few issues ago; CF19 to be precise. He awarded it a Corker and 92 per cent. Strange that - he's even stingy with his marks! 4) I belleve that the social norm' for your species requires that you be nice to her by sending her flowers, buying her the odd box of chocolates, taking her to the cinema, etc. Obviously there are going to be a few problems with George only being a character in a computer game but a little imagination should see you through...
5) Well, there was when I was there, at least!

PS Any relation of TV's famous Skippy?

## FAN IN A SPIN

## Dear TMB,

1) I am a real Dizzy fan! Do you know anywhere that I can get info on him?
2) Can I have the telephone number of CodeMasters? 3) Why don't the CF crew design mini adventures of Dizzy for the Power Pack?
Gavin McBride, No address
3) Well, you could try joining the Codies club, which we covered in depth last issue. To join all you need to do is send them the 'bar codes' from five
CodeMasters games - you know
the bits that look like III IIIII IIII II. Then they keep you posted with all the latest info on all Codies releases, especially Dizzy. The address is Cartoon Time Club, CodeMasters, Lower Farm House, Stoneythorpe, Southam, Warks CV33 0DL. 2) And the telephone number for the company is t 0926814132.
4) Well, you see we have a little problem with Dizzy. We don't mind his games they're fun to play - but it's him! He's such a prima donna and a pain to work with. (Strange. There's someone else 'round here I could mention who's a bit like that - Ed.) Anyway we'll let rip in full effect next month. We've got a little treat that I think you're gonna like!

TMB

## GIVE US A JOB! <br> Dear TMB,

I am writing to you to ask if I could have a job on your magazine. I am only 10 years old and my name is Wayne Coulson. I would like to do a job like Roger Frames, only I would only

## 59 YOUR LITTETB

do full price games (for the C64). I love playing games and my all-time fave is Rodland. Wayne Coulson, Darlington.
PS If you give me the job I'll be your friend.
Well, Wayne, you've picked the absolutely perfect time to start planning your career, although I'm afraid you'll have to wait a few years. There's no set route into the computer journalism world - the CF team is made up of graduates, shop assistants, bakers, an immunologist and advertising salespeople. But the world of computer gaming is finally making its mark and so I'm sure there will be plenty of opportunities for you in the future (Maybe even at Futurel - Ed). To give yourself the maximum chance, though, keep playing the games and concentrate on further polishing your English skills - although they're already pretty good.

TMB
PS I like to think of everybody who reads or writes for CF as friends - except those reprobates Frames and Cyclopedia!

## JONATHAN H!

Dear TMB (The Mighty Bogey), Hi, it's me again from CF25. First and foremost I would like to complain to whoever prints your section of the mag, because when I last wrote to you, you spelt my name incorrectly. It's spelt JONATHAN not JOHNATHAN! There's no 'H'.

Right, enough of being boring and full of complaints. On with the questions:
I) Is it me or does the drawing of Lisa Nicholls look like Andy Crane?
II) Is anybody going to get the licence for the arcade ver-

James Caan was called Jonathan $E$ in original cuts of Rolferball, but the BBC has re-editted the film to remove drug references so he's now Jonathan H!




1-4 Players must battle through anything up to 1600 levels, blasting away the opposition using Bombs, Missiles and Mines. Eggs come in useful too as they hatch into Robots, that search out and splat the enemy. Your own Private Army - Yeah!
excellent fin the intightins backstabbing and blowings if between the players are nothing short of excellent... addictive a AMIGA ACTION --MMore agressive than Dynablaster ... a real blast 83 The ont hen pidyable instrnety faddictive you'd be fiace ZAPPI-words cant describe how playable Bug Bomber is ... a par with the playability ore the graphics -small but wondertully anmated sprites charge taround :y
frenzy... hell of a lot of fun to play


Fun School might be a contradic tion in terms but it's great for when you're trying to convince your parents that yourre not just going to play games on your C64.


Are these two presenters a perfect pair? I think not. So why do they call this Match of the Day when they're completely different? We should be told.

## CF'S TOP 80 GAMES

| CFS TOP 80 cAMES |  |  |
| :---: | :---: | :---: |
| c | GOLDEN AXE Tronix $£ 3.99$ | C20 89\% |
|  | Zeppelin $£ 3$. |  |
| (3) GRAEME SOUNESS SOCCER MANAGER $\triangle$ <br> Zeppelin $£ 3.99$ |  |  |
| (4) THNA ${ }^{\prime} 90 \Delta$ |  |  |
| RAINBOW ISLANDS 7 Hit Squad £3.99 |  |  |
| (6) LOTUS TURBO CHALLENGEA |  |  |
|  | F16 COMBAT PILOT Action $16 \quad £ 3.99$ | Notm |
| (8) FUN SCHOOL 2 OVER 8s NEW Hit Squad $£ 3.99$ |  |  |
|  | CREATURES NEW Kixx $\mathbf{£ 3 . 9 9}$ | C\%3 946 |
| $\text { (10) } \frac{\mathrm{z}}{\mathrm{ze}}$ | $\begin{aligned} & \hline \text { MaTch OF THE DAY A } \\ & \text { Zeppelin } £ 10.99 \\ & \hline \end{aligned}$ | C.25 70\% |
|  |  |  |


| CFS TOP 80 cAMES |  |  |
| :---: | :---: | :---: |
| T | GOLDEN AXE Tronix $£ 3.99$ | C20 89\% |
|  | Zeppelin $£ 3$. |  |
| (3) GRAEME SOUNESS SOCCER MANAGER $\triangle$ <br> Zeppelin $£ 3.99$ |  |  |
| (4) Tronix $£ 3.99$ |  |  |
| RAINBOW ISLANDS 7 Hit Squad £3.99 |  |  |
| (6) LOTUS TURBO CHALLENGEA |  |  |
|  | F16 COMBAT PILOT Action $16 \quad £ 3.99$ | Notm |
| (8) FUN SCHOOL 2 OVER 8s NEW Hit Squad $\mathbf{£ 3 . 9 9}$ |  |  |
|  | CREATURES NEW Kixx $\mathbf{£ 3 . 9 9}$ | C\%3 946 |
| $\text { (10) } \frac{\mathrm{z}}{\mathrm{ze}}$ | $\begin{aligned} & \hline \text { MaTch OF THE DAY A } \\ & \text { Zeppelin } £ 10.99 \\ & \hline \end{aligned}$ | C.25 70\% |
|  |  |  |


| CFS TOP 80 cAMES |  |  |
| :---: | :---: | :---: |
| T | GOLDEN AXE Tronix $£ 3.99$ | C20 89\% |
|  | Zeppelin $£ 3$. |  |
| (3) GRAEME SOUNESS SOCCER MANAGER $\triangle$ <br> Zeppelin $£ 3.99$ |  |  |
| (4) Tronix $£ 3.99$ |  |  |
| RAINBOW ISLANDS 7 Hit Squad £3.99 |  |  |
| (6) LOTUS TURBO CHALLENGEA |  |  |
|  | F16 COMBAT PILOT Action $16 \quad £ 3.99$ | Notm |
| (8) FUN SCHOOL 2 OVER 8s NEW Hit Squad $\mathbf{£ 3 . 9 9}$ |  |  |
|  | CREATURES NEW Kixx $\mathbf{£ 3 . 9 9}$ | C\%3 946 |
| $\text { (10) } \frac{\mathrm{z}}{\mathrm{ze}}$ | $\begin{aligned} & \hline \text { MaTch OF THE DAY A } \\ & \text { Zeppelin } £ 10.99 \\ & \hline \end{aligned}$ | C.25 70\% |
|  |  |  |


| CFS TOP 80 cAMES |  |  |
| :---: | :---: | :---: |
| T | GOLDEN AXE Tronix $£ 3.99$ | C20 89\% |
|  | Zeppelin $£ 3$. |  |
| (3) GRAEME SOUNESS SOCCER MANAGER $\triangle$ <br> Zeppelin $£ 3.99$ |  |  |
| (4) Tronix $£ 3.99$ |  |  |
| RAINBOW ISLANDS 7 Hit Squad £3.99 |  |  |
| (6) LOTUS TURBO CHALLENGEA |  |  |
|  | F16 COMBAT PILOT Action $16 \quad £ 3.99$ | Notm |
| (8) FUN SCHOOL 2 OVER 8s NEW Hit Squad $\mathbf{£ 3 . 9 9}$ |  |  |
|  | CREATURES NEW Kixx $\mathbf{£ 3 . 9 9}$ | C\%3 946 |
| $\text { (10) } \frac{\mathrm{z}}{\mathrm{ze}}$ | $\begin{aligned} & \hline \text { MaTch OF THE DAY A } \\ & \text { Zeppelin } £ 10.99 \\ & \hline \end{aligned}$ | C.25 70\% |
|  |  |  |

## THE KEY

| GOING | GOING | NEW | STANDING |
| :--- | :--- | :--- | :--- |
| UP | DOWN | ENTRY | STILI |



You can't beat a good racing game, unless you've got a very large stick and someone to hold it down for you. But Slicks is moving fast, so it still might be tricky.


Did you know that golf backwards is flog? Which would be a good lead into a joke about flogging a dead horse. Except that Jack Nicklaus isn't dead. Or a horse.


Clur reckons that wrestling is fixed. Dave said he didn't realize it was broken in the first place. No-one on the CF team volunteered to ask any of the wrestlers personally.


Stunt Car Racer isn't exactly setting the charts alight at the moment, but it's Dave's all-time fave game so he likes to get a plug in for it wherever he can.


## IS THE YEAR

 SUPER NES WILL REALIY TAKE OFF!
## HOW WILL SUPER PLAY MEET THE CHALLENGE?

## WITH MORE PAGES

Super Play is already the biggest Super Nintendo dedicated magazine in the UK - by a margin of at least 32 pages! - and that gap's just going to get bigger!


## 2 WITH MORE OFFICIAL UK REVIEWS

Super Play guarantees to review every new SNES game as it comes out in the UK - no one else does. As the floodgates open, official reviews demand ever more room. With us they'll get it.

## WITH MORE IMPORT REVIEWS

Of course, the newest, most exciting stuff is happening abroad, which is why Super Play brings you reviews of the best from Japan and America before anyone else, and in more detail too! Read about the top games here first!


## WITH MORE PLAYER'S GUIDES

Because there's so much to Super NES games, you're going to need help getting the best out of them. That's why we bring you giant Player's Guides, stripping the top games of their secrets!

## 5 <br> WITH MORE NEWS ON THE LATEST RELEASES

Super Play brings you the news first, with previews of the top UK and import releases as they happen. If it's on the Super NES, you can be sure you'll read it in Super Play.

The magazine for Super Nintendo players. Third issue out 3 December.


## 6 <br> PREVIIWS

 Who is she? Where does she come from? She's an enigma of the night. But pay her enough and she'll get you any info you want. CF has enlisted her services and now she stalks the corridors of software houses in the dark hours, loading classified disks to bring you the hottest news on the games in development. Games like...destroy the Daleks, and uitimately Davros himself. This is no easy task, as apart from Daleks there are Ogrons, Robomen and other nasties from the TV series helping the Daleks out. The Doctor progresses through five pretty substantial levels, battling the metal pepperpots in London, Tokyo, Paris, New York and ultimately Skaro, the
Daleks' home planet.
How much of the spirit of the series has been main-


$\infty$ticky-backed plastic. Tin foil. Egg-boxes. Lots of sellotape covering up brand names on serial packets. Paint jobs that go disastrously wrong. Generally doing things on the cheap. 1 could only be referring to one thing. The set designers on Doctor Who.

For 26 years an assortment of cardboard robots and plastic monsters shambled after the Doctor and the world marvelled - just how could the actors keep a straight face? (OK, it was tacky, but it was brilliant fun if viewed with an open mind - Dave.) (They obviously opened up YOUR mind to perform the frontal lobotomy - Ed.)

And then the programme abruptly ended. Why, nobody knows. The BBC insists it will return but the fans are not convinced. I was once approached by a group of fans (with their anorak hoods pulled well down over their faces) offering to pay me to sneak into the BBC offices to find out the truth. I had to turn them down, though, as all they could offer in payment was $£ 7.52$ and a tissue Tom Baker once sneezed into.

But the popularity of the programme has never waned, and even though it hasn't been on the air for over three convention over 75 fans placed orders for the game after having seen a sneak preview.

But Dalek Attack has a good chance of appealing to more than just fans if the bits I managed to play (before the footsteps of a security guard sent me scurrying) are any-
years, Alternative are bound to have a huge hit on their hands with Dalek Attack, an arcadestyle shoot-em-up. According to files I managed to photocopy at Alternative's top secret Yorkshire base during a raid the other night, at a recent Doctor Who
$\dagger$ for a 4
 sequel) - and two companions, Ace (Swoon! Dave) or a UNIT Soldier. And like any faithful hound, that mechanical mutt K9 is around to lend a helpful paw. (Or should that be caterpillar track?)

The plot concerns Davros and his Daleks attempting to destroy the Earth's ozone layer. The Doctor has to search out and
tained in the game remains to be seen (the Doc was never

WARNING: be seen (the Doc was never SCANNER exactly a gun-toting dude), but there are certainly plenty of corridors to run down. The vital question is, will there be any handy ventilation shafts? There never are in my experience, but in Doctor Who, well, they're kind of essential.



## HOW TO BE A DR

WHO COMPANION
After extensive research I have compiled a list of certain abilities that all Doctor Who companions require. They must be able to:

- Fall over and twist their ankles during chase sequences.
- Say, "Doctor, what is it?" 27 an episode with complete conviction. - Get hypnotised by the baddies and try to kill the Doctor.
- Walk down the wrong corridor/tunnel/ cave (the one with the green slimey thing down it) when faced with a choice of two. - Wear clothes that would be appalling no matter what time period or what corner of the galaxy you're visiting (unless they're a presenter on The Word).
- Fall in love with the wettest, most poncey character in their final story and leave the TARDIS to marry them. - Give up all hope of getting a decent, serious acting job ever again. (What do you mean 'again'? - Ed.)



## ONLY POOLS AND HORSES

FOOTBALL BOXFORM The ONLY pools program written by a GENUINE EXPERT who has been employed as such by Littlewoods. He KNOWS how to help you win. He can't Quarantee youll become a milionaire ii he could hed be one himsell but he can Greara consistently forecasts $50 \%$ more draws than would be expected by chance" ...A.P.C.W. Magazine. A RECORD UNMATCHED BY ANY OTHER PROGRAM OR POOLS EXPERT Homes, aways, draws shown in order of merit. True odds for every match. Covers league \& non league. Australian Pools program included in the price.
SUPER PLANNER THE BEST PERM GUIDE OF ALL TIME. Details of OVER 400 ENTRIES of LIT, V - and newspaper perms. AII CHECKED IN SECONDS by your computer. BACINGBOXEORM Fast and profitable. "Quite remarkable results.. strike rate of $64.8 \%$ averaging $3 / 1$ per winner" G.S.U.G. magazine. Price includes HANDICAP WINNER 1000 winners every year - $25 \%$ at $5 / 1$ or better
PRICES. (tape or disk) $£ 19.95$ for one: $£ 29.95$ any two: $£ 39.95$ all three
FOOTBALL TOOL KIT Football Boxform, Super Planner, Littlewood Block Perms Planner \& a program to work out bets... $£ 34.95$
BACING TOOL KIT Racing Boxform plus 5 further programs which enable you to keep your own records, produce and amend form and time ratings, work out almost any bet $£ 34.95$ SPECIAL OFFER Both tool kits for $£ 62.95$
Please make cheques or Postal orders payable to BOXOFT (CF), 65 Allans Meadow, Neston, South Wirral L64 9SQ

Tel: 051-336 2668

## SPARES \& REPAIRS

C64 /1541 II Pack
...............
.£178.99 1541 II Disk Drive................ 129.99 120D+ Printer \& Interface ... $£ 149.95$ C64/128 Cassette Unit.........£21.95 C64 Power Unit..................... $£ 19.95$ Tape Alignment Kit..................ع9.50 Mini Office II (Disk) ............... $£ 19.99$ C64 Reset Switch ................... $\mathbf{8 7 . 9 9}$ User Manual ( 64 OR 1541) ......£6.99 Dust Cover ( 64 OR 64C/E).......£5.99 Computer to T.V. Lead.......... $£ 3.50$ C16/+4 Joystick Adaptor ......£8.99 C64 Light Gun.......................£19.99 Commodore Chips...............P.O.A.
All prices include VAT and P \& P.
Orders by cheque or PO only.
Send an SAE for full price list.


## Public Domain Software

We have 1000's of programs for your C64/128 from serious applications to demos \& games.

## FREE CATALOGUE

To obtain yours, send an SAE or 2 First Class Stamps. State whether you have tape or disk.

This compilation of 50 of the best PD games includes arcade games, sports sims,
adventures, pinball etc, etc. Available on tape or disk, please state what you have when ordering.

XMAS
GIFT IDEA

## 50 GAMES

ON TAPE OR DISK
£12.99 post free


## (i) is $=171 / 8$



When you've got cat-like stealth and a light fingered touch like me, getting into a place like Grandslam is a piece of cake. There's nothing but a bog standard movement alarm system and touch sensitive floors, just disarm the movement sensor and hook wire on the central light fitting, then swing, swing, swing to the disk box. At first I didn't spot anything afoot. All the monitors were switched off (very ecologically sound you see), and most of the disk boxes were devoid of any information. Then I spotted, sneakily stuffed in a golf bag in the corner by the coffee machine, a bright green disk with the words Tee Time scrawled on the label.

I speedily set up the pocket 64 that I always carry with me in
This needs a nice little pitch, which is more than case of emergencies and loaded the disk. On screen appeared the first stages of a fantasticlooking golf

## IIRMS DFFINED <br> TEE At four o'clock everything stops for

 this. The most traditional of English tees being Earl Grey with scones, strawberry jam and clotted cream.CADDY What the tee is stored in so that you can keep it fresh and dry before the next teeing off session.
SAND WEDGE Made from two slices of bread it's what you have with your tea. GREEN The colour you turn when you


Nope, it's not an amoeba under a microscope but the green viewed from above.
ing worse than sitting around waiting for complicated graphics to draw themselves, so there's an overhead map to look at while you're waiting for the calculations to happen. You can spend this time working out strategies for that particular hole.

I also noticed the option screen displaying the six types of game you can play. Up to four people can play and there is a computer player to battle against if you happen to be a Ioner. Player statistics are saved (so it's a good job I always remember to use a false name), and you can save your position on the round you're playing if you're suddenly called away. I'm going to have to go back soon and finish off the fifteen holes that I didn't get a chance to see before the sound of footsteps warned me of an approaching security guard.

find out that your arch enemy has just got $£ 10,000$ for winning the US Open.
BOGEY The thing that sticks to the end of your finger if you stick it up a snotty
nose.
BIRDY A lot like a pterodactyl, but with feathers and not extinct.
PITCHING WEDGE A very useful tool when tarmac-ing slopey roads to keep the black stuff in place.
PAR Your dad. Or when said repeatedly, the kind of dad who pretends to making filter coffee when really using granules.


Don't slice the ball - there's some ham in the golf bag that goes much better in a sarnie.


## YOU'VE SEEN <br> THE SERIES...

Anyone into computer gaming must have seen GamesMaster. You know, the one where Patrick Moore does a dodgy Mighty Brain impression. Drawing over three million viewers a week, it's one of Channel 4's smash hits. Now there's going to be a magazine based on the series, and it comes from Future Publishing, the people behind Commodore Format, so you know it's going to be good.

It's going to be a multi-format extravaganza, covering both computers and consoles. There'll be reviews, features and a tips section hosted by Patrick himself. The first issue is due out on December 3rd and, cost just $£ 1.75$ and will include a free 100 -page tips booklet. (Oh and by the way, it's the magazine that James has scarpered off to, but don't let that put you off.)

## SECOND FIIST

If you've been wondering what happened to First Samurai after we gave it a corkerwinning 96 per cent back in issue 17 , wonder no more. It's about to get its first fully-fledged release.

The game was supposed to have come out on the Mirrorsoft label, but they unfortunately went out of business just as it was about to be released. Contracts went flying about and eventually UBI Soft got a signature on the rights to first Samurai. So it you want to find out what we were raving about all those months ago, check out your local games shop now.

## X-PLOSIVE REACION

Leading C64 PD house X-Plosive have emerged from a period of relative inactivity under new management. Their first aim is to clear the backlog of recent mail asking about their massive library of free programs. This mountain of mail will take the team a tew weeks to clear, but if you've been waiting for software from X-Plosive then it should be with you soon.

For more information send an A5 (or just plain large) SAE to X-Plosive PD, PO Box 501, Hull, HU5 3 YZ and they Il get right back to you.



Once again, the WWF* Superstars unite for the Grand European Rampage* Tour. Join vaur tomornes: Hulk Hogan -*. Ulfimate Warrior and many more, as they travel across Europe to square off in the ring against tag teams like Mafural Discisters and the Nasty Boys.
ATARS STAMEA IBM Pg e companillis COMMODORE 64

Watch them in the Squared Circle. Follow them to the Grand Finale Match at Madison Square Garden in New York City.
Test your strength and skill. Work with your team-mate to achieve the ultimate goal - the
European Rampage* Tag Team Title.

# AMMA SOFTWARE 

wonomacen aceas, we TEL: 0889574740



| Chart Attack |
| :--- |
| Lolus Espint Turbo Challenge, Super Cars. <br>  <br> Ghosts Cass £7.99 |
| Multimix 1 <br> Leaderboard, Leaderboard Tournament, <br> World Class Leaderboard Cass £4.50 |


| Julian Rignall Top 10 |
| :---: |
| Dan Dare. Lords Alidnght, Driler. Deita, <br> Zoids, Gadren 2 Barbaran 2. Guardan 2. <br> Mega Apocalypse. Spit Personalities <br> Cass \&5.50 |
| Thriltime Gold <br> Paperboy, Ghost \& Goblins, Bombjack, Batty, <br> Turbo Espirit Cass $£ 5.25$ |


|  | Dizzy's Excellent Adventures <br> Dizzy Panic, Kwik Snax, Dizzy Down the Rapids, Spellbound Dizzy, Dizzy Prince of the Yolk Folk Cass £7.99 |
| :---: | :---: |
|  |  |


|  | Zaxxon |
| :---: | :---: |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## ORDER FORM AND INFORMATION ALL ORDERS SENT FIRST CLASS <br> SUBJECT TO AVAILABILITY JUST FILL IN THE COUPON AND SEND IT TO:

A M M A SOFTWARE, 21 SPRINGHILL, RUGELEY, STAFFORDSHIRE WS15 1BT

| ITEM | PRICE |
| :--- | :---: |
|  |  |
|  |  |
| POSTAGE |  |
|  |  |
| EEC COUNTRIES ADD £1.00 PER ITEM. TOTAL |  |
|  |  |
| NON EEC COUNTRIES ADD £2.50 PER ITEM (sterling only) |  |

Name.
Address.

## Postcode.

Tel. No
POSTAGE RATES PLEASE ADD 50 p P\&P ON ORDERS UNDER 5.00 . OVER £5.00 P\&P FREE. CHEQUES PAYABLE TO A M M A SOFTWARE
-

Spiders, hypodermic needles and paisleypatterned carpets strike terror into most people's hearts, but what makes the members of the CF team quake with fear? We delve into the collie-wobbled minds of the gang to find out what gives them the heebie jeebies...


TRENTON WEBB


After hours of cajoling we finally persuaded Trenton to admit that there is one thing that scares him: "The rest of you mangy lot finding out what it is that I really am terrified of. Or, even worse, being locked in a small wardrobe with three or four of the horrible things. But I don't think there are any of them in the UK, so I'm safe."


## OLLIE ALDERTON

took us no time at all to figure out what sends shivers down Ollie's spine. "Being seen in public with flat hair and a centre parting is my worse nightmare. My mum used to make me comb my hair to go to Auntie Jean's for Sunday tea. Needless to say, l've been fasting on Sunday evenings since I was five years old."


HODCSON
We recruited new wordsmith Clur after seeing her send a 10 -strong gang of Nintendies packing. She's sure tough, but does she have a weakness? "Well, besides being locked in a room with nothing to play but a wretched console, it's that Trenton'll find out that I have three or four of what he's really scared of living in a cupboard at home."

## LISA NICHOLLS



Being the kind-hearted soul that she is, Lisa's scared of being poor. (Doesn't sound very kind-hearted to me - Ed.) But not for her own sake; she would really hate to have to give any of her her 383 servants the push. She takes in lots of waifs and strays that couldn't find work anywhere else and gives them a reason for living.

## ROGER FRAMES



Apart from going to the dentist, the most traumatic thing that Roger would ever have to face is: "The price of those luvverly scrubbly budget releases going up by 10p. My budget could never stretch to that. CF pay me a pittance for the expanse of words I write for them." (Carry on like that and we won't pay you anything! - Ed.)

## DAVE GOLDER



What is it that could strike fear into Dave's brave young heart? "What most scares me? Hmmm , the most terrifying of all the terrifying things that could happen is probably getting up at 3am for my regular late night snack only to find an empty fridge. My life would not be worth living if it wasn't for greek-style honey yogurt."


ROBERTS
"As you know, for a while now I have been investing all my spare pennies wisely in the Acme Drawing Pin Sharpening Co. I own 24 shares now and at 13 p a share that's, err, um, 24 times 10 is, oh lots of dosh. But if the bottom falls out of the sharpening market l'd be devastated, not to mention broke."

THE MIGHTY BRAIN
 The bane of all my species is the possibility of getting an overwhelming migraine headache. Having no mouth or digestive system makes taking pain killers near impossible. There's always osmosis but that takes such a long time. Oh, and by the way, is anyone interested in my new line in self-sharpening drawing pins?"


CF review system is immensely complicated. Nobody except TMB could ever hope to understand it. But, for the record, here's how it works (even though, as we said, you won't stand a chance of getting to grips with its intricate complexities). We tell you exactly what the good points are and what the rubbish bits are about each game. You see-it's all very complicated,
just like we warned you it would be.


CF RATINGS
Also frighteningly technical is this box-type thing. It shows you at-a-glance what the most important positive and negative factors about the game are (probably). Next to it is an indecipherable rating mark. Over 89 per cent means that the game is officially a Corker, which means, um, it
 got over 89 per cent.

It also means that if you don't rush out and buy the game Immediately, all your friends will talk about you in the most uncomplimentary terms behind your back. C'est la vie.

## GAME ICONS

You've been wondering about these. They're a legacy. An heirloom, if you like. Nice Mr Gilham, who used to work here left them to us, you know. He was a nice man.


FACE - Number of players.
Gorgeous drawings showing how many folk can participate.


KEYBOARD/JOYSTICK - By jingo! It's those wacky, devil-may-care control mechanisms.

MOUNTAINS - This can only mean one thing; there are difficulty levels in the game.

OcTOPUS - Multiload, but they also live in the New York sewers (that's alligators, fool - Ed)


GOALE'S SHIRT-It's a good one, this. Young Master Gilham's save option thing.

BLOCKS - No. Forget Tetris. Forget that tiny hole in the sides of Biros, too. We're talking hi-score table here.

PAWS - Pause mode.
Send complaints about this gag to Trevor himself.


Commodore 64 Power Supplies
$£ 19.99$
Commodore 64 Compatible Data Recorders .£22.99
Commodore Tape Head Alignment kit .........£9.99
Data Cassette Head Demagnetizer .
..£9.99
Commodore 64 Light Guns and games.....£29.99
Commodore 64 Handbooks
..£6.99
Commodore 64 C Modulators.
$£ 19.99$
Commodore R.F. Leads
£3.99

Prices include VAT, postage and packing.
All orders sent by return: Cheque/Visa/Access Trade-in-Post, Victoria Road, Shifnal, Shropshire TF11 8AF
visa Tel/Fax (0952) 462135
T

## COMMODORE SUPPLIES

C64 Printer + Interface . $£ 139.99$ C64 Power Supply ...........£23.75 64/128 Sound Expander...*£9.99 C16 Power Supply .......... $£ 14.99$ 64/128 Sound Studio .....*£4.99 C2N (64) Datasette .......... 223.75 C3N (+4) Datasette 64 Slimline Case Mini Office 2 ( 64 cass) £29.99 ... $£ 9.99$
.817 .99

64 Parallel Converter Vic-20 Modulator. 64 Instruction manual Commodore 64 Chips 64 Reset Cartridge... $£ 19.99$ .£9.99 ........89.99 Min Mini Office 2 ( 64 disk) ....£20.99
C64 Disk Drive

## Disk/Cass COMMODORE 64 REPAIR

Only $£ 24.95$ including parts and labour if repairable. Send machine only with fault description. Insurance included. Chq/P.O.'s to Omnidale Supplies,
VISA 23 Curzon Street, Derby, DE1 2ES, Tel: 0332291219

| We would like to apologize to mail order customers who have ordered off other firms and have been disappointed. Pricebuster will restore your faith. |  |  |  | CALL US ON 24 HOUR CREDIT CARD HOTUNE 0214404108 <br> se state name, card number, expiry date \& goods required |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\qquad$ |  |  |  |  |  |  |  |
|  | …..... $£ 7.50$........................N/A | Jack Nicklous Got............NEW E3.99 |  |  |  |  |  |
|  |  |  |  | Pitighter |  | ............ | 3.99 |
| Double Dragon 3 |  | Jimmm's Super Leogue .....NEW N ( 3.99 | Strider - --.............................. $£ 3.9 .99$ | Smash TV |  |  | 3.9 |
|  |  | Last Ninje Q Lotus Esprit Turbo | Striker in the Crypt ..........NEW E.3.99 Stun Runner | F-15 Strike |  |  |  |
| Fun School 4 Range (State age).........................999.................... 12.99 |  | Lotas Esprit Turbo Chalenge.......NEW E3.99 | Stun Runner .................NEW $£ 3.99$ | ****** | ** | ****** |  |
|  |  | Magicland Dizzy --.................3.99 Manchester United | sturnman seymour..........NeW $£ 3.99$ |  |  |  |  |
|  |  | Micropose Soccer-..........NEW 03.99 | Super Monsco GP............NEW $£ 3.99$ |  |  |  |  |
| Mege Hot (8 games) .................................. 57.50 .........................NA |  | Midnight Resistance -......-.-........3.99 Monty Pthen |  |  | in the USA, Capt | Dym |  |
|  |  |  |  |  | d Dizzy, Turbo | Tortoise. |  |
| Rocland $\qquad$$£ 9.99$$\qquad$ N/A |  | Mustinix $\frac{1}{\text { a }}$.-...........................64.99 | Test porve 2...................NEW E3.99 |  |  |  |  |
| SHOE PEOPLEShoot Em Up Construction Kit |  | Mustimix 3 Mujtimix | Test Master .-..................... 63.99 | ****** | ****** | * $\star \star$ * |  |
|  |  |  | The National .............................. 53.99 |  | T |  |  |
|  |  | Murray Mouse Supercop ...........3.99 |  | December R | eleases: Place your order | early-reserv |  |
|  |  |  | Treasure lsland Dizzy ...............63.99 |  | your copy NOW I! |  |  |
| Terminator Q ......................................................99...................... $£ 10.99$ |  |  | Treble Champions .....-_-_......3.99 |  | TAL KINGDOM DIZZY Cas | $¢ 7.99$ |  |
|  |  | Night Breed...............NEW $E 3.99$ | Cup Glory ....................NEW 53.99 | ER SPORTS | HALLENGE - First Division | Manager, Cue |  |
|  |  | Operation Thunderboit..........e.e3.9 | TrMai Pursut-................NEW 53.99 | Inter | ional Speedway, Wresti | g, Slicks |  |
|  |  |  | Turbo Outrun-1.i............. 63.99 |  | Cass 89.99 |  |  |
| BUDGET | Dizzy Down The Rapids......NEW E3.99 | Prates .-...............NEWE3.99 | Turrican -...........................53.99 |  | SUPER STAR SEYMOUR |  |  |
|  | Dizzy Ponic........................3.939 | Pufty's Saga........................... $¢ 3.99$ |  |  | Cass 89.99 |  |  |
| Adventures...................................99A. 3.99 | Dizzy Prince of Yolk Foilk..... NEW E3.99 |  | Vendetta -..............................3.99 |  | 4×4-16 Quattro Tities |  |  |
|  | Doc Croc's Excellent Adventures |  | Wembley Greytounds...........63.99 |  | Cass: only E11.99 |  |  |
| American Tag Team Wewting. | Double Dragon il...................33.99 | Quattro Critoon.........................3.99 | Wornd Cricket........................3.99 |  | \\| 1 - Cass £8.99 Disk - £ | 1.99 |  |
| Anie --.....................NEW $£ 3.99$ | Dregon Spirit-.....................83.99 | Quattro Coin Ops............- 63.99 | World Rugby..................NEW $¢ 3.99$ |  |  |  |  |
| Amie I-.................NEW 63.99 |  | Quattro Combat............................ $\mathrm{E3} .99$ |  |  | Kids - Cass 29.99 Disk - E |  |  |
|  |  | Quattro Fighters..................................999 Quattro Firepower............. |  | * | ********** |  |  |
|  | Fontasy World Dizzy ..............e3.99 | Quattro Megastors..................W E 3.99 |  |  |  |  |  |
|  | First Past The Post .....................63.99 | Quattro Power ...................... $¢ 3.99$ | I ORDER FORM AN |  |  |  |  |
|  | Flimbo's Quest -............NEW E3.99 | Quattro Racers ..................... $£ 3.99$ | I coupon and send it to: PRICEE | Unit 23, 14/2 |  |  |  |
|  | Frankenstein .................NEW $\mathrm{E3} 3.99$ | Quattro Sports --.....................99 | I BLOCK |  | Name of game | Computer | Value |
| Bod Squad................................99 | Fun School 2 Range New 83.99 |  |  |  |  |  |  |
|  | Ghouls A Ghosts.................. 63.99 | ST Dragon--..-...- Hi-l............ 53.99 | $)^{\text {Nam }}$ |  |  |  |  |
| Clin the USA .......................9.99 |  | Sermour Goes To Hollywood .... 63.99 |  |  |  |  |  |
| Castimester .................NEW E3.99 | Graeme Souness International | Shodow Warrios |  |  |  |  |  |
|  | soccer-...................NEW E3,99 | Shadow of the Beast-........NEW $\mathrm{C3} 3.99$ |  |  |  |  |  |
| Snooker.......................................99 Championship Gok. C.............. | Greeme souness soccer............ 63.99 | Slient sernce..............................3.99 |  |  |  |  |  |
| Champlorship Wresting .......WW NEW E3,99 | Heroes of the Lance ............... $£ 3.99$ | Slicks ..........................NEW E 3.99 |  |  |  |  |  |
|  | Hudson Hawk .i..........NEW E3.99 | Sty Spy-..................ew E3.99 | 1 |  |  |  |  |
|  | Indiana Jones \& the Lastcrusade © 63.99 | Snooker Management .............63.99 |  |  |  |  |  |
|  | intemational Football ............. 63.99 | Soccer Double 3 ......................99 | Pos |  |  | Postage |  |
|  | International ice Hockey..........63.99 | Soccer Prinboill .................NEW 63.99 |  |  |  |  |  |
| Devastating Blow....................e3.99 | International Manager..............e3.99 | Soccer Rivals..........................3.99 | I Nostage rates: Please add 50 |  | urice Buster (Sterling | Total |  |

## VISA

## COMMODORE C64 REPARS Jus $£ 29.00$ inc

* Commodore registered.
* Over 10 years experience with Commodore computers.
* Up to 20 qualified technician engineers at your disposal.
* We will undertake to repair your Commodore 64 computer for just £29.00 including parts, labour, V.A.T. and post and packing.
* Some computers can be repaired within 24 hours.
* Prices include full service check, overhaul and soak-test.
* All repairs covered by a 90 day warranty.

* How to take advantage of this exceptional offer: Simply send or hand deliver your machine to the workshop address below, enclosing payment and this advert, and we will do the rest. (Please include a daytime telephone number and fault description).
* If you require 24 hour courier to your door, please add $£ 5$, else your computer will be sent back by contract parcel post.

(WTS reserve the right to refuse machines that in our opinion are beyond reasonable repair. Full charge applied).
WTS Electronics Ltd, Studio Master House, Chaul End Lane, Luton, Beds LU4 8EZ

CF
(0582) 491949 - (4 lines)

ne hunnndred and eiiightyyyy. Take your pack of three out of your back pocket and get down to some serious arrow-throwing business. Actually, to call Bully's Sporting Darts a darts sim is a total misinterpretation of what the game is all about. And, despite the presence of Bully it has very little in common with the quiz show Bullseye, either (so thankfully you don't get Jim Bowen leering at you). You play on a dart board, you use darts and you can play bogstandard 501 if you want, sure, but there's a lot more to it than that. Bully also features Football, Cricket, Tennis, Snooker, Golf and Round the Clock and all played using your darts - and you don't have to worry about puncturing any balls.

All the sports are played on the standard dartboard that you'll find in hostelries all around the globe (except in countries where they don't have pubs, that is - lan). The control system is much the same as John Lowe's Ultimate Darts, but looks more impressive, with an animated hand chucking the dart for you instead of just a tiny little cursor (though this makes it more difficult to be accurate, especially when time is running short). The little hand roams about the screen affected by gravity and the movements of the 'stick in your hand. The controls bring to mind those of UGHI - sudden movements of the 'stick can have you planting a



In Tennis you have to stick to the white and In Tennis you have to stick to the white and
out of the black when you're serving.


Owzat! A dart in the bull and you're out. The two sports for fat old men are combined! RTINO it? A dart board is ing up would just make things far too complicated. A direct bullseye gets a thumbs up from bully but that's as far as the snazzying-up goes. What no multi-load? You bet. All these fabulous games load at once into the memory of your beloved 64! No fiddling about with the tape or waiting for an age just to get back to the title screen. Yo! Bully's hits the mark. Okay, so it doesn't stick fervently to the proper rules of darts, but then, it's not supposed to be real darts; it's a computer game, and a pretty addictive one at that. For a good larf double three instead of the treble 20.

In all but one of the games you have to play against an opponent. Challenge your mates or hook up with the 64; the computer opponents range from a deeply dippy number one to the ultimate opponent, number nine, which would have a good chance of winning even if it was pitted against Eric Bristow.

If I have to have a favourite, it has to be the snooker. The red balls are represented by the numbers one to 15 on the board, the colours to pink by numbers 15 to 20 and the the bulls-eye is the black. The rules work exactly the same as in snooker: pot a red, then a colour, then a red, then a colour and so on until you run out of reds. Then you have to start potting the colours in order till you pot the black. And ta-daaaa, you've won!

In many of the games the trebles and doubles come in to play. For example, in football, hitting a double will move you three spaces nearer to the 18 -yard box as opposed to the normal one space. The double and treble beds really come into play when you switch to tennis, however, as these are the only active sectors of the board. The server, as in lawn tennis, has the advantage. They have to hit a highlighted section of the double ring, while the receiver has to return by planting a dart in the treble bed.

There's nothing stunning about the graphics. No shiny intro sequence, no little bulls doing a groovy dance. But who needs
2. You do get something in Bully's Sporting Darts for two in a bed (unlike in the TV show where this rare feat of skill is rewarded with your prize being taken away - what a swiz).
3. A northerner invented the present numbering system on the board in 1896, so blame him for sticking the one next to the 20. 4. Roy Edwin Blowes from Canada was the first recorded person to achieve a 501 in just nine darts.
5. No matter how many times he says it Jim Bowen has never been and will never be, "Super, smashing, great!"
6. Jeremy Beadle's photo is the most satisfying thing to throw darts at.
with your mates on a wet Sunday afternoon, when there's nothing to do but watch Highway, it'll do just fine thank you very much (it might even keep you away from programmes you like, too). It's a shame you can't stick pictures of people you hate on the board to throw darts at, though.

CLUR

## BULLY'S SPORTING DARTS

ALTERNATIVE 20977797777 • CASSETTE - £3.99 OUT NOW
 way around the dart board.

Not just a darts game.
Smooth controls.
A well-executed, original idea for a game.
Not just a game of luck - you need skill to win.

A bit repetitive.
Uninspired graphics but darts isn't much of a visual spectacle, is it?

DOMMM ERE

With the police cracking down tightly on speeding motorists, the best way nowadays to get fast driving kicks is definitely from the comfort of your 64. Crazy Cars 3 takes you away from the traffic jams of the M25 to wide open roads where the only aim is to knock the other cars out of your way.

There are 10 levels of racing in a big red Lamborghini Diablo, the intention being to beat your rivals, in grey cars, to the finishing line. For winning a race you get goodies added on
to your
car, the
most important being a better engine to give you a few more kilometres an hour. There are also snow tyres and a radar detector to warn you of approaching police cars (although the radar detector isn't much use, as you can easily burn off the cops in your monster machine).

You view Crazy Cars as if you sitting in an open trailer invisibly attached to the Lamborghini. From behind, the car looks good, especially when cornering, and the perspective and scrolling of the other cars and shrubbery is great.


You are electronically connected to this car, monitoring both its speed and direction. As well as having up-front displays of the extent of damage you've caused to your car and the amount of gear attached to your already hot machine. You have other controls to hand; for example-hitting the spacebar gives the Diabolo a mega boost of pure energy.

The game feels great to play, it's very responsive and the icy courses make a significant difference to the road holding. The problem is that it's far too simple. Just tootle along for most of the race keeping the other competitors in sight and save your power boosts until the last few kilometres then kiss the competition goodbye as you go speeding past them at 250 kph . It's almost as if they held on for you 'cos they wanted a challenge.

The only real trouble you get from anyone is a nasty little blue car that has no intention of winning the race; it just wants to
get on your pig. It's got

Just ram the brown car out of the way-try to smash it off of the road altogether if you can.

Crazy cars don't go to the auto-psychologist to re-live their bad experiences in the showroom. They hit the open highways of America and race their tyres off. Being a bit of a crazy driver herself, Clur was the ideal person


i0) $191=9$


The first motor car ever was
automobile, creot long, steam-powered
Ferdinand Verbiest way a certain The Bugatti Royale tyack in 1668 largest ever car to hale type 41 is the
for road use. There were been constructed
which, when put end to end built in 1927 Take 40 meters in length. larly furry car if you ever drive a particusee they have laws state of illinols. You. cars to impersons there which forbid Wacky R sonate wolves. Grrrr toon backy Races was the best Grrr. oun based on moter racing.
beginning every time something went wrong you'd spend more time loading than playing, that it wouldn't be worth it at all. As it is, playing isn't all that much fun. What we want is more gratuitous violence, spikes on wheels, passengers with sawn-off shot guns that sort of stuff.

Why bother with smart loading screens, plot, snazzy high score tables and tons of info flashing on screen when all you really want to do is race? I'll tell you why there's got to be a reason for racing. No matter how well * n' $^{\prime} 8$ you've perused the and the respo posive a significy courses make
it's good to know how well your opponents are doing. l'd like to have known how far in front I was. Most of all it would be fab to actually have a physical finishing line, a bit of red tape or something, rather than just a sudden collapse in power output when you've reached the end of that particular race.

Whether you win or loose (no that's not a spelling mistake on CFs part, it's what the


Green sky and blue mountains, it looks


If you can take the Grey
you're in with a chance. the snowmen, they may took Innocent but the
do a lot of damage.

out getting stopped by the cops once (and on a Monday morning at that), there's got to be something amiss. Crazy Cars 3 is much too easy to master and you'll be thrashing the top road racers of the US of $A$ in about an hour. Not much cop for $£ 16$ if you ask me. This would have been great as an original budget - you might almost get your money's worth.

CLUR


CRAZY CARS 3
TIIUS $\mathbf{D} 0717002119$ CASS $£ 10.99$ DISK £15.99 OUT NOW


Crazy Cars is a good game that needs polishing. A few bits of tinsel and a few more levels would make it a very good racing bash.

Don't get the impression that we think that all racing games should be so tough that you'll never finish them. But when a player new to the game can finish every level, with


BRTANTS BEST-SELLING SEGA MAGAZINE!


# LOOK OUT FOR HE NAW ISSUE 

WE REVIEW:

- Road Rash 2
- Mickey 'N'

Donald in World of illusion

- Sonic 2 on the Game Gear Plus loads more!


Nope, despite the title, this has nothing to do with that Vinny Jones video where he selects his favourite nasty tackles. It's a compilation of Football games.
The 'Psycho' refers to Stuart Pearce, captain of England's football team. Not that it really matters. It could just as well refer to Norman Bates; the chances of Pearce ever having played any of the games on this compilation would be a surprise, and as for them being his choice... hello, was that a hog with wings I just saw flying by?

But that's not the point, is it? It's just the nature of licences. The vital point is the quality of the games and in this case, they're a mixed bunch, to be sure, disproving that old adage that a football game is a football game is a football game. (l've never heard that one - Ed.) Um, that's because I just made it up, but I'm sure it's the way loads of people do think. Anyway, there are four of them and they range from the probably the best football sim yet seen on the 64 to a game so dire that the meaning of the word dire has been rewritten in the latest dictionaries to accommodate its existence.

Kick Off $\mathbf{2}$ is a great game, not without its faults, and not without some flagrant flouting of footie's rules, but still great fun to play. It's the fastest of the four, has the most options, the clearest graphics and the most positive control response. Like the other games it uses a system where the highlighted player is the one over which you have control, (a system which is okay, but does have it's faults when the control switches from one player to another just when you were least expecting it) but it's the only one to offer a radar screen which shows you where the other players are. Okay, so it's pretty small and the players are practically invisible blobs but it's certainly better than a whack across the knuckles with petrified palm tree.

You have a selection of teams and a number of tactics from which to choose. Each player has a mixture of attributes and skills, such as Pace, Stamina and Resilience, and believe me, they do make a difference. Watching one of your slower players run for

5

the ball can be extremely frustrating, and you can bet that whatever team you choose, there's going to be at least one lamer.

Manchester United is a management sim, and they're not everybody's cup of tea, it has to be said. So l'll say it - they're not everybody's cup of tea. You play the Reds' manager, and have to buy and sell players, train them, select teams, etc. You do this for a season and try to get to the top of the divi-
sion. You get to watch each game from the standard top-down view at which point you have a choice of either taking limited control of your players or sitting back and watching, hoping you've made the right managerial decisions. The match sequences are hilarious, with a tiny pitch, a diamond-shaped ball and halves that last about a minute. The management bits, meanwhile, are pretty dull, with possibly the most uninspired graphics ever seen on the Commodore.

World Championship Soccer is similar to Kick Off 2, but not as good. The graphics are inferior (the players look like headache tablets), it's not as fast and there aren't as many options or player skill settings. The goalies are especially odd - not only do they look like Guy the Gorilla, but the ball seems to go straight through them (I assume it's supposed to have gone over their heads,

## WHY FOOTBAL SIMS ARE NEVER TOTALIY REALISTIC

1 They never use the offside rule. 2 A player throwing the ball in is invariably allowed to run after the ball and kick it himself before any other player. 3 You never get pitch invasions 4 The players don't kiss each other after they've scored a goal.
6 You can't argue with the ref.
7 You can't shout at the ref to tell him his mother was a constipated warthog.
8 The crowd doesn't hurl abuse at the ref. 9 The ref is never a vindictive, one-sided, biased, blind, deaf, son of a warthog.
 remains a fairish attempt at a footie sim and, as it's easier to play than Kick Off, it works as a good training ground for players new to the footie sim genre.

Finally we have Fighting Soccer. It's a bit like Plan 9 From Outer Space - so awful it transcends its naffness and has an entertainment value all of its own. The graphics are dire, the controls are limited and when the players head the ball they tend to leap about 20 feet in the air. Even odder, there's very little evidence of any fighting.

Kick Off 2 's the only reason to buy this compilation, but as it's also available on other, better compilations. Seek out one of those instead.

DAVE


PSYCHO'S SOCCER SEIECTION UBI SOFT 라 0813439055 £19.99 DISK • £14.99 TAPE © OUT NOW


# 70 POWERTEST 

How to get from $A$ to $B$ via $Q$, turning left at $Z$, doubling back to $\mathbf{S}$ and using $W$ as a shortcut.
 own blocks, but only up to number shown on the original numbered block. So you have to plan carefully where to stick your slabs.

The only safe squares to stand on are few and far between and most of them have some alter ego or another. The really nasty ones masquerade as standard blocks very short, stumpy ones just like Dave's - Ed), he prefers to blob around place like a rotund ball of recently-sneezed mucus splodging down a pane of glass ( $y e p$, he definitely sounds like Dave - Ed).

The game is set up as over 130 screens, each getting more complicated as you go along. The aim is to squelch Rufus around the screen and collect the diamonds as you go. (Why is it always diamonds? - Ed.) (Because they're valuable, you fool! Roger.) The problem is that a lot of the space is taken up by marshy land that'll suck you into oblivion if you touch it with any part of your phlegmy self.

So how do you get on to them if there's marshland standing in your way? That's where the numbered blocks that are dotted

and
only when Rufus rolls on to them do they show their true colours. There are bonus blocks as well, that can boost your score by enormous amounts or even make you disappear for a few seconds.

Making matters even more maddening are some very nasty maraudering meanies that are out to get ya. Blast 'em with the laser gun, but only if necessary - there's a limited amount of fire power to play with.

Rufus has the makings of the ultimate puzzler, but it blows it. It's just so downright annoying at times. The puzzles themselves are set at the correct difficulty level, but the problem comes when you have no escape route from the baddies. You might have done everything right until almost the end of a level, when you're innocently sitting at the top of the screen and. POW! an alien appears out of nowhere and robs you of your last life. This is not what I call cricket. Continues would be nice - - there are only passwords every 10 levels and once you've lost your three lives you're taken all the way back to level one. This is so frustrating you end up throwing your joystick down the waste disposal.

Reckless Rufus is not just a game of skill. Success, or failure,
depends too much on luck. Whether you enjoy
What exactly is a reck and why hasn't Rufus got one? I think we should be told.

I'S CRYSTAL KINGDOM RUFUS
Blocks here, blocks there, blocks blimmin' everywhere. And there's loads of different sorts too, so you're going to have to remember what does what if you want to reach those crystals. Here's a quick gulde to some of the more common ones...


RECKLESS RUFUS
ALTERNATIVE © 0977797777 • CASSETTE - £3.99 OUT NOW



ALL PRICES INCLUDE VAT - DELIVERY IS

## SILICA SYSTEMS OFFER YOU

- FREE OVERNIGHT DELIVERY: On all hardware orders shipped in the UK mainland. - TECHNICAL SUPPORT HELPLINE: Team of technical experts at your service. - PRICE MATCH: We normally match competitors on a "Same product - Same price" basis - ESTABLISHED 14 YEARS: Proven track record in professional computer sales. £12 MILLION TURNOVER (with 60 staff): Solid, reliable and profitable. $081-3080888$. - SHOWROOMS: Demonstration and training facilities at our London \& Sidcup branches. - THE FULL STOCK RANGE: Al of your requirements from one supplier FREE CATALOGUES: Will be mailed to you with offers + software and peripheral details. - PAYMENT: Major credit cards, cash, cheque or monthly terms.

Before you decide when to buy your new Amiga computer, we suggest you think very carefully about Before you decide when to buy your new Amiga computer, we suggest you think very carofully about
WHERE you buy it. Consider what it wil be like a few months after buying your Amiga, when you may require additional peripherals or software, or help and advice with your new purchase. And, will the will have nothing to wory about. We have been established for almost 14 years and, with our unrivalled experience and expertise, we can now claim to meet our customers' requirements with an understanding which is second to none. But don't just take our word for it. Complete and return the coupon now for our
latest FREE Iiterature and begin to experience the "Slica Systems Service"

FREE OF CHARGE IN THE UK MAINLAND
 LONDON SHOP: 52 Tottenham Court Road London, WIP OBA Tel: 077.580 . 4000
 SIDCUP SHOP: 1 T. The Mews, Hatherley Rd, siddup, Kent, DA14 40X Tet: 081-3020 8811 ESSEX SHOP:

PLEASE SEND A 64 PAGE AMIGA COLOUR CATALOGUE
Mr/Mrs/Miss/Ms: ....... Initials:
Company Name (if applicable)
| Address: ime, apparently, flies by when you're the driver of a train, but I'm not too sure why. I mean you just sit there, occasionally slowing the thing down or speeding it up and hoping some signalman has set the points right. Not my idea of fun. But that signalman I mentioned now, he's got a much more tricky and interesting job, and luckily it's him you're taking the place of in Locomotion, and not old Jones the Steam. The game's a darned fine little puzzle game based on the age old plot of getting your


IAN CYCLOPEDIA'S EXPRESS GUIDE TO FAMOUS dinato choosculoos

Stephenson's Rocket
Thomas the Tank Engine
The Flying Scotsman
The Orient Express
The Chattanooga Choo-Choo
The Bullet
The Mallard (which was around in the 40 s and was faster than any of today's InterCity trains)
TGV - Tres Grande Velocité (or that's what we reckon it ought to stand for) The Runaway Train at Euro Disney
(been there, done that-Clur)
The Cannonball Express
Ivor the Engine
The Blue Peter Express
Silver Streak
The Titfield Thunderbolt
Princess Di's wedding train
Freddie Laker's Sky Train
... Unfortunately all the other trains that should have been included have been delayed at Crewe, owing to the wrong kind of leaves on the track.
map. Then a station will flash and shortly
 afterwards
a train will leave that station carrying a particular letter. You have to guide this train to the station labelled with that letter. Sometimes it might even have to go back to the station it just left.

Usually, while this train is on route to its destination, another station will start to flash (maybe even the same station) and soon enough there'll be two trains on screen. This'll carry on until you have the maximum number of trains chuffing around for the level you've reached.

Trying to get the trains home in the right order can prove more than a little chaotic. You can end up with the most disastrous situations occurring - trains spinning across the screen,


The trains might look fike dodgem cars, but then they do bump into each other a lot.
passengers plummeting to their doom into fast-flowing rivers, that sort of thing. The aim of the game is, however, not to ponder on the eventual fate, or the mental stability, of the people rich enough to travel by British Rail, but to get the trains home. You do this by controlling the points on the track. The points are where one track converges with another. If a train is travelling in the right direction it can either depending on how you've set the points.

Each level has a different track layout, but the program also has a built-in level editor so that you can design your own tracks. Test your mates - make the tracks as tough or as easy as you like using the parameters editor which controls things like the speed of the trains and how many there can be onscreen at any one time.

Locomotion is not a logic puzzle, it's too frantic for that. It's more a test of your organisational skills. If you get in a flap everything will end up looking like the mess that your baby brother leaves in his pants when he's just been force fed a tin of mushy peas. What you need is an eye for detail and darned quick reactions.

Graphically, the tracks are pretty impressive and the surrounding buildings, plants and other trackside ephemera provide a decent setting. But the trains themselves look more like the remains when you've squashed a beetle, and not the sort that sung about love being all you need; as Ringo Starr looks completely different when he's squashed - more like a Sinclair C5.

CLUR


## LOCOMOTION

 KINGSOFT $\mathbf{Z} 0753686000$ CASSETTE $£ 3.99$ - DISK $£ 11.99 \bullet$ AVAILABLE LATE NOVEMBER

UPPERS
Frantic puzzling.
Level editor to test your mates.
An anorak's heaven.

Graphics are nothing to write home about.
Not enough variety in the gameplay.
Who wants to admit to owning an anorak?
DOWNERS

## FREE! FROM SILICA <br> 



 ntudua you to the wortd ol ST compang and ONSLAUGHT


16 NIGHTS HOLIDAY trimal pursuit HOTEL ACCOMMODATION

 tave to pay toc arey your meads (pproses are

## WORTH <br> NEARLY

ATARI TT MEGA STE


- 32were 32-Bin 60a30 Processor - $24,1, \mathrm{BmP}$ FAM Versions
- Sileme bear PCM So
- 4096 Cal Cour Palate
- Buit cinereararalans Co-Process - Up to $1280 \times$ x 960 Resoculton - Expandadiol to 3 Seme RAM


 | $£ 899$ | $£ 1199$ | $£ 1499$ |
| :--- | :--- | :--- |



- 16unz 16-Bit 68000 processor - 2m RAM
- Hard Drive Options Available
- 4096 Colour Palette
- Stereo 8-Bit PCM Sound Outpu - FREE Silica Productivity Pack - FREE Tenstar Games Pack SPECIAL PROMO PRICE! 2mb MEGA ST-E (mbaydmp) RRP
SILICA PRICE
he VAT - Ret: STC 3433
 The new Atari Falcon 030 is here! it is
a powerful, versatile, multipurpose home computer, otlering unmatched
performance for its price. Included in performance for its price. Included in is advanced specitication are multipie
co-processors lor sound and graphics.
true colour true colour displays from a pallet of
over a quarter of a million colours and over a quarter of a million colours and
16-bit siereo sound input for speech
recognition recognition and sound sampling These all combine to provide a new
computer capable of nunin sound, graphics and multimed
applications. The applications. The Faloon is an ideal
upgrade for Atari ST owners who upgrade for Atari ST owners who are
looking for a more powertul model,
it is compatible with the maje

ALL PRICES INCLUDE VAT

NEW ATARI ST PRICES PLUSI FREE GIFTS FROM SILICA!
NEW! REVISED PACK 520ST-E DISCOVERY XTRA HARDWAREMPUTER.
SO2ST-E COMP
BMHz 16 -BE 69000 CPY. 512 K RAM, Mouse TV Modutator, internal PSU, 1Mb Disi
SOFTWARE - ARCADE SOFTWARE - ARCADE GAMES,
Final Fight - A superb street fighting 9Lives. Cartoon quaslyy plattorm romp
Hobot Monsters - Accade Shoot 'em Up SONUS ARCADE GAMES:
Missile Comman
Cystal Costles
SOFTWARE - PRODUCTIVITY
ST Tour - Tutoral bramming language
PLUSI FREE FROM SILICA Silica Productivity Pack

TenStar Games Pack | Total Value: |  |
| ---: | :--- |
| Less Pack Saving: |  |
| SILICA PRICE: | $\frac{\varepsilon 7256.55}{5249.00}$ | 5249



HARDWARE:

## 

## SOFTWARE: PRO 24 III...

PLUS! FREE FROM SIUCA
. 150.00
H/EMFI LOW Silica Productivity Pack ...
TenStar Games Pack

$$
\begin{array}{r}
\mathrm{E} 104.97 \\
-\mathrm{f} 219.78 \\
\hline
\end{array}
$$



##  16 NIGHTS HOLIDYY LCcon. $\begin{aligned} & \text { Less Pack Saving: } £ 475.74 \\ & \text { SILICA PRICE: }\end{aligned}$

## The Falcon Has Landed!



NEW! 1040ST-E FAMILY CURRICULUM II


HARDWARE:
 SOFTWARE MODULES
PLAY ANO LEARN - A Garme with Words and
JUNIOR SCHOOL . Answer ackGeneral.
Knowledge Ouiz, Speling and Primary Maths
GCSE - Mcro Maiths, French and Goography
HYPER PANT - Ful Colour Paint Packige
MYER PANT - FuI Colour Paink Package
MUSIC MAKER II - Music Creation Soltware
FIRST BASIC
FIRST BASIC - Powertul Programming Languago
1st WORD - Very easy-4o-use Word Processor ..
GAMES
GAMES
PRINCE - Do balthe in tis tenth cornury gume of wartare.
PLUSI FREE FROM SILICA
Silica Productivity Pack"
TenStar Games Pack ...
Ino VAT - Aot: STC 1272

Total Value: | Totar Value: 101035.27 |
| :--- | LUSI 16 NIGHTS HOLIDAY

HOTEL ACCOMMODATOH PLUSI 16 NIGHTS HOLIDAY
HOTEL ACCOMMODATION

FREE OVERNIGHT COURIER DELIVERY IN THE UK MAINLAND
 LONDON SHOP: 52 Tottenham Court Road, London, W1P 0BA Tel: 071.58004000 LONDON SHOP:

 $\bar{\Gamma}^{2}: \overline{\text { Silica }} \overline{\text { Systems. CMFOR-1292-79, }} \overline{1-4}$ The Mews, Hatheriey $\overline{\mathrm{Rd} \text {, sidcup. Kent, DA14 } 4 \mathrm{DX})}$ PLEASE SEND A BROCHURE ON THE ST RANGE
Mr/Mrs/Miss/Ms:
Company Name (if applicable):
Address:

- FREE OVERNIGHT DELIVERY: On all hardware orders shipped in the UK mainland. - TECHNICAL SUPPORT HELPLINE: Team of technical experts at your service. - PRICE MATCH: We normally match competitors on a "Same product - Same - ESTABLISHED 14 YEARS: Proven track record in prolessional computer sal
- E12 MILLION TURNOVER (with 60 staff): Solid, reliable and pronitable. - BUSINESS + EDUCATION + GOVERNMENT: Volume discounts available 081-308
SHOWROOMS: Demonstration and training faciilies at our London \& Sidcup branches. - SHOWROOMS: Demonstration and training facilities at our London \& Sidcup
- THE FULL STOCK RANGE: AIf of your requirements from one suppier. FREE CATALOGUES: Will be mailed to you with offers + softwa
- PAYMENT: Major credit cards, cash, cheque or monthly terms.
Betore you decide when to buy your new computer, we suggest you think very carefully about WHERE you buy it. Consider what it will be like a few months after you have made your purchase, when you may
require additional peripherals and software, or help and advice with your new purchase. And, will the require additional peripherals and software, or help and advice with your new purchase. And, wili the
company you buy from contact you with details of new products? At Silica Systems, we ensure that you will have nothing to worry about. We have been established for almost 14 years and, with our unrivalled experience and expertise, we can now claim to meet our customers' requirements with an understanding
which is second to none. But don't just take our word for it Complete and retum the coupon now for our which is second to none. But don't just take our word for it. Complete and
tatest FREE Iterature and begin to experience the "Silica Systems Service"
sstitics $\sqrt{\mathbf{S}}$
| Tel (Home):
Which com




## Your guarantee of value

This magazine comes from Future Publishing，a company founded just seven years ago，but which now sells more com－ puter magazines than any other publisher in Britain．We offer： Better advice．Our titles are packed with tips，suggestions and explanatory features，written by the best in the business． Stronger reviews．We have a cast－iron policy of editorial inde－ pendence，and our reviews give clear buying recommendations． Clearer design．You need solid information fast．So our designers highlight key elements by using charts，diagrams， summary boxes，annotated photographs，etc．
Greater relevance．At Future，editors operate under two golden rules：
－Understand your readers＇needs．
－Satisfy them．
More reader interaction．We draw strongly on readers＇con tributions，resulting in the liveliest letters pages and the best reader tips．Buying one of our magazines is like joining a nation－ reader tips．Buying one of our magazines is like joining a nation
wide user group． wide user group．
Better value for money．More pages，better quality：maga－ zines you can trust．


Home of Britain＇s finest com puter magazines．

Commodore Format＊ Amstrad Action＊PCW Plus＊ PC Plus＊Amiga Format＊ ST Format＊PC Answers＊ Your Sinclair • Sega Power＊ Amiga Power－Amiga Shopper－Total • PC Format －Mega • Super Play

## Commodore

EDITOR Trenton Webb ART EDITOR Ollie Alderton PRODUCTION EDITOR Dave Golder DESIGNER Lisa Nicholls
STAFF WRITER Clare Hodgson CONTRIBUTORS Andy Roberts，Simon Collis，Ian Cyclopedia，Jason Finch，Martin Pugh，Roger Frames，TMB，Warren Pilkington CAVALRY EDITOR Sally Meddings COVER ARTWORK Paul Kidby ARTWORK Mike Roberts，John Richardson SENIOR SALES EXECUTIVE Jackie Garford
PRODUCTION CO－ORDINATOR Craig Broadbridge
PROMOTIONS MANAGER Michele Harris PROMOTIONS ASSISTANT Tamara Ward PUBLISHER Jane Richardson CIRCULATION DIRECTOR Sue Hartley GROUP PUBLISHER（LEISURE）
Greg Ingham
PRODUCTION TECHNICIANS
Simon Windsor，Chris Stocker，John Moore COLOUR REPRO
Avon Scanning and Planning
PRINTERS Redwood Press Ltd，Wiltshire
UK NEWS TRADE DISTRIBUTORS Future Publishing＝ 0225442244
WORLD－WIDE DISTRIBUTION
$M M C=0483211678$
EDITORIAL，ADVERTISING and CIRCU．
LATION 30 Monmouth Street，Bath，Avon， BA1 2BW＝ 0225442244 Fax 0225446019 PRINTED IN THE UK

Commodore Format welcomes unsolicited material but can only return articles when sup－ plied with an SAE and can only take telephone enquiries on Tuesdays between 10：00am and 6：00pm．All queries regarding advertising should be made in writing to Jackie Garford， Senior Sales Executive，at the address given in the panel above．

S：•I $\mathrm{LH}=$ cow It might alarm you to know that wan others，though－ （some of us are more perfect than their way into the Ed）and some mise giving you issue．Now the show how the chanced you are．If you eagle－eyed you let us know spot a cock up，let to Cock about it by wron 30 Monmouth Ups，CF， 30 mand BA1
Street，Bath，Avon 2BW．You could see your name （spelt incorrectly）in print！（To start you off，see if you can spoi 64 ．） the deliberate mistake on page 64 ．）

## MI cMosEN on＝6

 We really got into the swing of this pulling－the－competition－winners names－from－the－hat lark this month and completely cleared the backlog we had．So here are those lucky（and，in some cases，patient）winners：```
MATCH OF THE DAY WINNERS
- Vears of Match of the Day videos
Ballyclare, County Antrimbiton - Stephen Johnston,
Pater Bagley. Wolverhampton T Booth, Bradford
Hinckley - Peter Weir, Kenning James Page,
Guildford - Martin Heath, Saltord Andy Hasle
Gareth Davies,Merseyside Salford, Nr Bristol -
Chelmsford e Mominio Pide Steven Wright,
Myme &ominic Purchon, Hull © John
yyne & Wear - Russell Smart, Swind John Hocking,
Marriott, Rotheram © James Margetton Q lan
Stephen Davis, Walsall I Morgan, Chelaston
Jackson, Sutton Coldfield e Michan, Chelaston -
Southport - David White, Haverforl Dawson
```


## ADVENTURE COMPO

been won by： －Rachel Longson，Chesterfieid Tamy Pringle Gateshead－K Hill，Saltburn，Cleveland

## TOUCHDOWN COMPO

## American Footballs to： <br> Lee Johnson，Cals to：

 Co Mayo Michael Shate Brian McNicholas，Cestle Carville，Newcastle，Co Deyn，Warrington Adrian Cheshire－M Lewis，Birmingh James Margett， Cumbria－Matthew Gough，Birm－David Harker Berwick－on－Tweed J B Crick，Nonwich lan Bruce Shingler，Glossop Francis Deve Adrlan
## LEAVE TME ROOM COMPO

 winning their way tool 4 are currently －Francessca Sherfield，Milford，Surrey e Woodward，Birminghyton，Bury Tony －MA Wood，Walsall Tina Harris，Winds Scunthorpe－SA White，Leicester－David Bamstable Harvey，Cleveland－B Brice Wirral－Sam Hoasmen，Shrewsbury e GN Wilson， Tristan Sherlield Man，Devon I Folan，Clackse Tristan Sherlield，Milford
## IN THE BLEAK MIDWINIER THERE＇S STILL CF

Please Mister（or Missus）newsagent，kindly reserve my copy of Commodore Format each month，starting with the January issue，on sale from Thursday 17th I December 1992．Have a nice day，y＇all．
MY NAME $\qquad$
MY ADDRESS
And Lo，the wise men did fol－ low the star to their local newsagent and looked for the infant CF28．Yet despite their offers of Gold，Frankensence and Myrrh they could not get a copy！Then Gaspar remem－ bered the prophecy＂Only I those who hand the coupon I（left）to the Newsagent will ｜have a CF28 reserved for them＂．Save your copy now．
，


## IT'S IIEAII FIST

2 CASTLE STREET, CASILEFIELD, MANCHISSIER,M3 4IIZ. TEL: 0618326633. FAX: 0618340650


AVAILABLE

$\pi$n ancient Japan, a young samurai watches as his people and his Master are massacred by the hands of the Demon King. He swears vengeance and invokes the power of the Witch...
Thus begins the pursuit of the Demon King through space and time - a bloody crusade where there is no turning back...

COMINODORE FORMAT 96\%

- Easy to control
- A huge game with 10 levels full of puzzles to solve
- A real arcade adventure game!
"If you want a game with excellent graphics, loads of gameplay and more lastability than almost any game released last year, then you'll love First Samurai." COMMODORE FORMAT.

UBI SOFT LTD.

