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SOFTWARE ARCADE
FLINTSTONES

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CRAZYCARS
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MEGATAPETHREE 8
Unbelievably this tape has got 100 Pokes, a totally

level of the totally
awesome Street Fighter for you to play. Turn to page 8 now to get all the details and discover why we fell about laughing when we saw what those other mags had put on their tapes!

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## GANG OF FIVE

Virgin's in-house
development team consists of six people. Some of you may find this odd ... The team consists of Alex Martin, Nicole Batkaloff, Martin Wheeler, Dave Chapman, David George and Andy Green
Alex Martin: Worked for Big Al Sugar himself but escaped - now does graphics and game design THicole Baftraloff: ExSoftware Projects - a graphics specialist Martin Wheeler: One of the original Gang members, "a talented little sod," specialising in graphios and game design
Dave Chapman: Left the dole to become one of the most well known of Gang members, and codes just about evorything
Andy George: Ex-Orpheus (remember them?) a programmer so young it makes you stok
David Green: Is the newest team member and spends all day playing games. "He can complete a difficult arcade game in the time it takes an average reviewer to find a pencil." (Wot, onty one)?

## GANG OF FIVI

Began in 1984 with a conversion of Sorcery by Martin Wheeler. Next came Strangeloop, a very highly rated arcade game, and a number of other programs untll Dan Dare - pllot of the Future finally brought the team the success it deserved. ETW and other magazines went GaGa over the graphics. Rebel came next - and had an original game design based on mitrors (whith subsequently got copied by a lot of other people). Action Force used the sophisticated graphics developed in Dan in a game Heence which many said
-DDIDI
droop)
Magnet Eeams (which constantly push Dan off course and will no doubt cause the ill-informed to ring us up saying there is a bug in the program) Force Fields (which Dan has to switch off somehow) Glant Crushers (which are glant, and orush things) All the usual joystick. options, with keyboard commands as follows:
Q - up
1 A-down
I-left
O-right P-fire
You can figure out the rest yourself.
Copyright 1987 Fleetway Publications Lid. Dan Dare Ltd.


## DAN DARE I <br> su Exton

out the giant sprites and the authentic antmation. Play the first level of the game and get those kicks and punches into practice for when the full program is released. Game Objective:

RING US WITH THE EXACT WORDING OF THE FINAL. SCREEN OF THE GAME WILL WIN A COPY OF THE FULL PRICE VERSION OF THE GAME!

## BSURT

Grouch
Grouch + lean forward
Grouch and lean back
Advance
withdraw
Leap
Backward somersault
Forward somersault
$\mathbf{U p}+1$ eft
Up+right
You can punch and fotcle by holating, and then releasing, the fire bution with the joystick in the following position for these effects:
Down + right
Down
Grouch + kick
Down+1et
Grouch + punch
Down+1est Spinning orouch lacke
Bight JKck
Neutral Punch
Ieft Turn kick
Up+right blying laick
Up
$\mathrm{up}+1 \mathrm{eft}$
Mying sptn ldck


# never really thought of myself as a child molester. 1 thought I had a kind of laid- 

Aback, live-and-let-live approach to kiddies, And I guess I ofo until the Flintstones came along with that godforsaken Kid. Pebbles. The game supposedly places you in the rolef of a caring father, but cofld quite happily stick the over smily cheesy brat in the blender. Look. IIl try and explain.
Zhou know what it's tike in Bedrock Well, you-probably don't so lil tell you Its a pretty slecey little place. Not tof many things to do. About the most exciting thing da guycen get into on his day off is a bowling session with his byddles.
So it's understandable that youre liable to get a might distraught when the Mrs, Wilma, insists you get the whole interior of your cave palnted before you go out. And on top of that youlve got to look after your kid, Pebbles. while Wilma flounces off to her mother's for the day.

So there you are, armed with esquirrel doused in paint and Faced with a huge wall. Fight No time to waste. You've only? got four prehistoric egg-timers.
tails of the squirel so you ve got to get somemore, back to the wall bosh bosh shum shum oop missed a bit more paint shum bosh wallop etc etc. And just as yourre about to fillup your paintbrush for the final splosh your last eggimer runs out and Wilma comes back and you go completely mad and you smash everything in tha house into a million tiny


## bits and set the squirval on

 Wilma and stuff Pebbtes through the Window and trash the TV set and and and You'll have to excuse me, it's siust so frustrating.Amyway, after about a thousand attempts (it really is unspeakably difficult) you will be allowed to get down to some serious bowling.

Now, Bedrock roads aren't the best in the world. And driving with stone wheels doesn't makelife any easier: The next stage of the game involves getting from Barney's house to the bowling alley. This bit is a little like Moon Buggy? the old arcade game, with the buggy bouncing along, and yoy having to jumplover craters and boulders, Should you hit any particularly unsutabte terrain. a wheel flics of Fred's mator a whee flies oft Fred's motor

Thry youve fean it once, the novelty
and you'll häve to go about finding and fitting a
replacement.
The graphics throughout are both cute to look at and functional. But there are one or two problems, in the painting scente, you con be bbsolutely supe that you've covered the Whole walf, and yet the game still seems unwilling to register the fact:
Whe bowling section is a very Well presented part, but it's tet down a tiny bit by thoughtless mechanics. After Fred has bowied, using the up anc down controls to position him in the alley, and a sliding
speedometer to determine how hard he bowls, it's Barrey s turn. Barney waddles up and bowls his pseud ofrandom bow in a fab graphical manner The only problem is that this takese number of seconds and once' FREDS SCORE $=$ "000
BARHEY HAS $=000$ S

## 2mat 00093

$t o$ run out for Mrs Naggy gets back and grounds you for the evening. OK. Bosh, bosh, shum. shum, wallop, wallop. Loads of paint. Going lovely, isn't it?

- Filling up the paint brushis a piece of cake- just toddie over to the bucket, splosh the squirrel in it and shoot back to the wall. Quick check on $)_{3}$ Pebbles, who's writing on the, walls with ber crayons. Fing. Oh Nol Rush over to Pebbles, grab her, the squirrel escapes, dump Pebbles back in her play pen, run around madly trying to. catch the squirrel all the paint


Pigs fly! The moon turns bluel The Labour party wins an electionl All sorts of other impossible things! And, to top it all, a game licensed from a series of toys proves to be ultra-spiffacious. Action Force II is an altogether different box of ferrets from its predecessor; it's original, it looks great, and it promises many hours of rewarding gameplay.
You know Action Force -
they're the little plastic men with names like Windbreak and Toenail who do heroic things to defend the world against the scourge of the evil COBRA terrorists. In this particular game, the baddies are holding innocent civilians hostage. Quick-Kick, an expert in unarmed combat, is assigned to climb through the landscape of ruined buildings, ladders, walkways and rooftops to seek out and rescue the hostages. And what do you do to control him? Nothing! Not a bally thing! He's quite happy to climb around all on his own without any aid from you. But hold on what's this? Emerging from windows, from doorways, from dustbins even - nasty leadspitting terrorists! Quick-Kick gets the chopl

The trick, and the whole point to the game, is that you must provide covering fire while Quick-Kick does the business. Move your gunsights around the screen, and blast the baddies as they show their eyes from the windows, dustbins and doorways. Because the speed at which you can move your sight is limited, you need careful planning to cover the whole of each screen so that Quick-Kick can finish it without finding himself fatally

## AC:TION I=ORPC:IEII


them to safety, and you get to choose your weapons for the next phase. Machine Gun, Bazooka and BloGun all perform in different ways, so it's important to make the right choice for each successive level.

After freeing two groups of hostages, you get to blast away at an enemy tank. You have a very small number of seconds to hit this mechanical monster 39 times (why 39?) by waggling the joystick back and fore. The secret here seems to be smoothness of waggle rather than sheer speed.

Action Force II is full of wonderful little touches; bulletholes appear in the brickwork, torches on the walls burn, your gunsight judders as you hold down the trigger. Quick-Kick expires convincingly if the enemy manages to shoot him or drop weights on his head. If you remember to shoot the dustbins, keep blasting the flags to restore energy, and keep your cool against the tank, the early levels are fairly
straightforward. But as it gets harder and harder, Action Force II just gets better and better
So far my best performance rating is 'Bullet-Bait,' but AFII is the sort of game which makes you want to perform at your best. A winner

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#### Abstract

shocking as it may be, we thought we'd try a different approach to Zapchat this month, young fella me lads. So, what is this new shebang? Well, for once, everything is 3 totally up to datell (Gawpl) In fact, we're sooo organised this time around that all female spiky buttress' have been flung out of "~ the window, people with googly eyes (and there are quite a few * about you know) who wouldn't know what a joystick was even f If it jumped off a bus and demanded a packet of frult pastilles off * them (shewy chwewy ffwety chweets) have been asked to * vacate the airspace. Actually, only people who go all soppy and * dewy eyed at the sight of I/karl Warriors should be reading this. F We've also got hold of Cybernold, Yerl, Magnetron and at least \# one more. And you can get hold of all the best tips in this month's [5] - A looking groovy and feeling fruity' publication. 


EIlite has finally released what must be the very very best in scrolly shooty thingles. Ikarl Warriors is fabulous. [Did it get a classic Grahamp)? And here we have a selection of tips to run along with. You may be interested, you never know.

The very beginning is simple even a complete dunderhead of monumental proportions would get through that part. Things tend to start to get tricky when approaching the first plllbox. As soon as your man arrives within a swillimetre of it, the gun will let rip. You will also notice a lot of soldiers appearing from the right-hand side. The best approach is around the rock, and then make a diagonal lunge to the right, lobbing bombs as

## STANDBY TO ACCESS: IKARI WARRIORS . . . Elite SECTION WRITER: Jon Riggs

you go. The pillbox will sort of go 'ahoorgle' and disappear.
Next off, you'll find a rock, Inside which a sniper will be positioned. His sole objective in life is to start lobbing bullets in all directions as soon as you get near enough to be hit, so try to clear the screen of enemy soldiers before approaching. Then position yourself just to the left of the box. When your man moves in, the sniper will start to fire but should miss you. By a sheer coincidence, you will nov
oe In range to lob a grenade and destroy the sucker.
Tanks are next. The first is positioned just above a mine to the left-hand side of the screen. Make sure you walk above the mine and Into the tank. Drive around the rock and destroy the pllibox. Collect the fuel, if there is any. If you don't find some, then things will get pretty hectic - just a bit further on in the game and past the river sections, your tank will arrive at a suspension bridge. If you are
low on fuel at this point, you're in trouble. If you attempt to walk across the bridge, then you'll find it difficult - swillions of troops charge down at your man. In fact it's virtually impossible to get across without the tank. So, keep on the move at all times in the tank and charge across the bridge splatting the enemy as you progress. The further you get, the more fuel will be used up.
Unless, by some sheer fluke, the tank manages to run across some extra fuel, it will quite likely run out just across the other end of the bridge. Destroy the piltbox and teg it I

Moving on, you should arrive at a fortress entrance. Run straight at the entrance and lob grenades to the left and right, not forgetting one to blast the door. There is a tank and pillbox on the other side - you are quite thkely to blow the tank to pleces, but don't worry too much as it's a bit of a waste of time using the tank here anyway. Destroy the pilibox, as per normal, and then leg it onwards to the river. Here you'll find two tanks on the left-hand bank and a man kneeling beside them. Try

to shoot him, but if all else falis. lob a grenade. Blow away the plllbox too.

Two men are in the water. And they'll knock you out if you hang about too long - keep lobbing grenades and moving about till you hit them - the same applies to the two tanks that follow. If you stay still long, then you'll get caught up in the crossfire.
After a minor march across a bit of wasteland, you'll arrive at yet another set of gates (there are two). A tank is positioned

on the other side of the set and
If you need one of them be careful when throwing grenades. It is best to shoot and throw grenades to the left and right as you push through to ensure the forces on the walls have been defeated. The next section of the game is very difficult. You'll find the enemy lurking amidst an array of rocks. They'Il not only fire their guns, but they'll throw their grenades very accurately too. Unless you keep on the move and throw a grenade wherever a soldier is positioned next to a rock, you'tl come unstuck.
The river will now re-appear and most of the action starts to take place on the right-hand side of the screen. After blowing away a pillbox and a few rocket launchers, you'll need to charge against an array of enemy, and some rapid shooting is now required. You may find that if things become too hot that you can dodge the enemy by squeezing over to the right side of the path. A few pillboxes later, and your man needs to start to swim - watch out for swimming enemy. Most of the

## STANDBY TO ACCESS: Poke Cor- ner <br> ner

 SECTION WRITER: very well who it isAn itsy-bitsy bit of a Poke Corner this month, due to overlapping tips and the-what-not. This trundle of pokes was compiled by John 'I would insult you, but nature beat me to it' Ruse.

$$
\begin{array}{lr}
\text { ROADWARS: } & \text { Infinite player 1: Poke } 43059,0 \\
\text { ROADWARS: Infinite player 2: Poke } 43078, ? \\
\text { ARKANOID 128K:Infinite player: Poke } 37586,0 \\
\text { BEDLAM: } & \text { Stop balls moving:Poke } 30037,0 \\
\text { RASTAN 128K: } & \text { Energy: } \\
\hline
\end{array}
$$

And if you type YXES into the define keys' option when playing Cybernoid, you'll obtain infinite lives and time. Remember, you don't have to play with those awful keys - once the keys have been defined as YXES you can revert to playing
the game on the joystick.
following action evolves around the water - enemy will be positioned on rocks and you'll have to throw grenades before they're thrown at you.

Also here you'll find the first enemy hellicopter - it is safer to avold it rather than attack. The helicopter will fire in all directions. As soon as it disappears, you'll land back on ground and be attacked by three or four tanks. These need to be attacked by rapid grenade fire.

The final part of the game to be covered this month - after a set of gates, you'll arrive at a set of caves. The enemy will be on both levels and the best way to get anywhere is to use a large amount of grenades. Also blocking your path are several land mines; avoiding these is fairly simple, but straight after surviving that little lot, you'll have to fight off a selection of tanks and then another set of caves.



## STANDBY TO ACCESS: NEBULUS . . . Hewson <br> SECTION WRITER: JON RIGLAR

## LEVEL 4

Dash to your right and up the staircase. You now need to jump actoss two dlamond-tike aftens. Time each Jump so that you leap over them. Then walt on the top of the lift until the spirally allen appears. As soon as it does, press up and avoid it. When the lift stops, make sure you blast the flashing square on your right. This is vital later on in the game. You will also come across two

further squares as you walk towards the left. These need to be blasted. Down the steps and onward to the next lift. Up and then into the door. When you reappear, you'll need to go to the left. W/aitII The middle block disappears so Jump it. Into the door. When you have come out, walk left and take the lift. Into the door.
A tricky bit. Reappearing, you'll see a set of steps leading downwards with two diamond-

type allens. You need to time it so that you manage to trot along underneath these and disappear into the dorr at the end. OK? Stopl Identical steps will be seen at the other side and you need to blast a square to your right. You'll see why later. Down the step and through the door.
Reappear and blast the ball to your left. Now you'll find yourself at a dead end. Run along to the last block and it will be possible to blast a flashing square from here. Good stuff eh? Dash back the way you
came, except don't bother going back to the dlamonds. Just before, you'll notice a lift. It was previously blocked but now It's clear. Zoom upwards. Blast the ball and go down to the righthand staircase. Then up on the llft. W/alt on the teft hand block. In a mo, the lift will drop and the alien will pass to your left. Drop down, turn right and jump the gap. Enter the door.

Dash up the lefthand staircase, carefully avoiding the two allens. At the top things begin to heat up. You'll need to Jump over a dlsappearing block
(the middle one) and the blast of a marauding ball from the next block. Hopping on to the nearby lift and zooming upwards, you'll arrive at another ledge overlooking two balls. (Honestlyil) W/alt until they bounce away before dropping down to their level. Then wait and blast. Make sure you stay still. Then walk to the right, but avoid the disappearing set of blocks which just lead to a dead end. Instead stop at the edge of your leve! and walt to be knocked off. Right on to the final lift, which takes Blob to the highest level, and the exit to level five.

## LEVEL 5

Mmmmm . . . Mmmmm . . . This level looks really yummy doesn't It? Blob has flirst of alt to Jump on top of yonder lift which will dellver him up two levels. Don't stop at the second. The top level will have a ball - burst it and then wait until the nasty spirally alien thing appears from the side of the screen. As soon as it materlallses, drop down to the left and blast the second ball. Run along and make sure Blob blasts the flashing square before dropping through the disappearing block. Up on the lift and then climb the staircase to your right, skillfully avoiding the marauding eye. When the coast is clear, climb aboard the lift and go up. At the top dash along to your left, jumping the gaps. Also watch out for the second eye - it is easy to collide with. After two blocks drop down and destroy the block covering a lift. From this IIft blast the flashing square to your left and then drop back down to the staircase. DO NOT USE THE LIFTS YET. (Got that?) You have to trudge around the same route until you arrive back on the highest ledge. (The one with the gaps. ) You'tl notice yet another lift with a block 'blocking' it. Unblock it, there's a good fellow. Now drop down on to the second Iff and 'Ifft'
You'll arrive at a ledge leading left. Trot that way and jump over the two gaps to arrive at the eye. Jump over the eye and drop through the gap on to a lift. Avold the eye and when it has gone, go up. At the top, walk one step to the right and then turn round and make a running Jump to the left level. No time to arguel Run left (avoiding the eye) and then drop down to the lift. Lift. You'll arrive on top. Yum. Move to the right block and wait. When the lift falls back down, fall off the block and jump to the left. Success will lead you on to another lift. Even more yum. Then it's a case of climbing a staircase to the right and Ignoring all doors until the last one. And yet another staircase to the right and entering the third one. [Cunning eh folks?]


Then It's a romp to the left while watching out for the eye and then another llft. At the top It's a nudge, nudge, wink, wink to the left - burst the two balls and avoid the two eyes. Up the very, very, very, very final lift and into the final door. Honest. Gawd luvvaduc and where's me trousers? It's level six.

## IT'S LEVEL 6!

No kidding. Straight up. This level can be a mite confusing. Jump on to the Ifft to your right, Jump across the following gap and then fall down to ground level, watching out for the alfens. Then dash underneath them to unblock the lift to your left. This done, turn back and underneath the allen and on to the lift to your right. At the top, blast the square to the right and then dodge the alien on the left and go into the following door. On the other side, you'll fall a bit. Once you've landed, Jump over the allen to your left and use the following lift. Move to the right and blast the flashing square - zoom back and use the same lift as before to go back down. Run along to the right and drop down underneath the allen. You'll now be back at the start. So, you can now move to your right and use the very first lift to enable you to reach the previously blocked lift. Use it.
At the top, run to the left and go up on the next lift. You'll now be halfway. Confused?

Walk to the left and up the couple of following steps. Enter the first door, and when you have reappeared walk to the left and up the following staircase. Jump over the next allen and enter the door. Then use the lift and walt 'til it

UCardiff.

1. CYBERNOID
2. GARFIELD
3. ROLING THUNDER

REVENGE OF DOH
COMBAT SCHOOL

reaches its maximum. You'll notice a group of stacked blocks to the right. Jump towards them and watch as the collapse revealing a lift. Use it to transport your man to a higher level where he can blast a flashing block to the right. As this is then a dead end, use the lift to lower your man back down to the original level. From here he can see yet another lift and so use it. After a series of Jaunts to the right and a couple of lifts, you'tl arrive next to three oscillating allens. Time your assault to perfection and you may well end up dashing right underneath all three. It takes practice. It's then a case of up the following lift, a leap to the right to avoid the alien and you'll arrive at a staircase. And as you climb it, all sort of nastie allen type thingies will appear and chase you. Yum. Lemon curry? The trick is once you've started climbing, not to stop. If you do, a rather nasty creature may pop in for afternoon tea. OK?

## READER'S BIG FIVE CHART SECTION WITIER.

 uhuhuhuuuh. Now the, now then $10 / 7 / \mathrm{F} / \mathrm{g} / \mathrm{cI}$ one one of the most awful Impresslonation gals. I am, am Now, owsabout, yy of the Saville then one hation uuhuhhuuhu of land sending us here loverly, loverly people out there in countered? Corporation) your, as they are SUBC (Sinclair User Broadcasting It's all coming back; they are known, Top Flve Chart. Broadcasting when "Boom Bangy Bop countdowns back on Radl. Uhuhuuuhuh. Coming" was Number Bop - The Love and Radlo One In 1964 What I'm trying computer of the to say is that, oh yes, If you send digres. Oh yes I do think is the worst game games, and tell me which in your Top Flve world, I may print game in the whole now th uuhhhuhuh you comes from my very speclal Oh yes. Now. Here, thls mother hiccupHEWSON
SOFTEK INTERNATIONAL US GOLD
OCEAN

Oh my word. Not much space left. Just Uuuhhhuh enough to say now the, doggle-doos In the history of pop music



otence, lots of kicky-kicky
hhting, but who is this punk
ezzer, Birdy? What a stoopid
ame! Tweet, flamin' tweet.
ust remember mate, bears eat
irds for breakfast, feathers an'
An' there's Action Force II,
 bloke with a stupid name!
Quick-Kick. I ask youse, what


 -addvy scivyon no puif ol usivd













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 Gremlin are so dissatisfied with its
team of in-house programmers that it's decided to have them all pushed out of
 s,马uчч эочм эч L 'эламоч 'теу ои
 apparently ill-supported charity, The Royal National Lifeboat Association. And
because the boys at Gremlin don't really


 rems 'uәar Kipuy 'әuool qoy 'uos





## 

 Shocking scenes of discontent have shocked SUI HQ, as millions upon millions, well quite a few actually, ofreaders demanded to know what had

 pleaded for calm. "The prizes are going out," he screamed. "You will get your prize. There are just so many of you,
we're lickng the envelopes as fast as we


 "Won't be long now.
So give us a break.


ㄴO
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no
0 르N
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O은웅 By our Crickl 끄̃



 every single one of which always be-
gins, "Loves, darlings, this award is gins, "Loves, darlings, this award is
not for me . . ""




 pue (эurg reuispo isag) sninqว pipp






## RUNS

 Commodore User and C+ +
it out in the studio (they
playing the game a bit as

If you do buy the game, not only will you be contributing to a good cause and getting a great, game you'll also be



wo years or so playing their demo copy of Street Fighter may well have noticed exciting sounding game called Psycho Pigs UXB. And therein lies a tale. conversion, and before everyone starts conversion, and before everyone starts
yelling that there never ever was a coin- $\quad \begin{aligned} & \text { duly renamed. And here's a picture of a } \\ & \text { pig. }\end{aligned}$
 pound of best back bacon to the person
who came up with the best new name. exciting sounding game called Psycho
Pigs UXB. And therein lies a tale. Psycho Pigs UXB is actually a coin-op
conversion, and before everyone start $\begin{aligned} & \text { the others were like) and the game was } \\ & \text { duly renamed. And here's a picture of a }\end{aligned}$


Those warm hearted people at Codemasters have come up with a cotally briliant and thoroughly worth support-
ing plan in support of Sport Aid. (Well you know. We told you 2 months ago). The Darlings are currently sitting over
hot Spectrum coding Sport Aid - The Game. It'll be all around racing, multievent sort of thing and all the profits are
going to the Sport Aid charity. You'll get a chance to look at the game in action on

## मकणाले

1 I were Ben Elton, I could do an extremely involved review, building up to the climax, being thoroughly witty and closely observed, generally leaving the reder in a state of admiration, and rounding off with a terse little comment

which would leave the reader thinking, "she's absolutely right."

But I'm not Ben Elton, so I'm just going to have to give you the low-down, brass tacks on Lee Enfield, Space Ace, from Infogrames.

Lee Enfield (don't ask me who his is, I've no idea), is presumably the guy behind the gun sight which features on the screen. His task (again, I presume) is to demolish anything of a slightly alien bent which happens to come across his path. He does this thing in smart, highly-detailed monochrome, and looks tremendously impressive whilst he's doing it. Well you can see that, just check out the graphics on this page.

So if the world were a fair place (which, as Ben is constantly reminding us, it is not), Lee Enfield, which looks absolutely fabby, should be the most entertaining game in the world. Sad to say, it's not. That's not to say it's a bad game, it's fairly entertaining in a 'target practice' sort of way. What happens is this.

Lee Enfield, the man, is presumably behind the gun sight which appears and roves around the screen. The small arrow which you can see at the bottom of the screen will change direction from time to time, to tell you where the next enemy is about to spring from. Keep a close eye on the arrow and you can't go far wrong. Only problem is, the gun sight seems to keep wandering off, and I was never quite sure if the game was just playing itself for a bit of a larf.

Aliens pop up thick and fast, and can range from little ships which just hang around, to what seems to be a yak-like sort of creature which dies in a

truly spectacular flop.
If you just want to bone up a little on your aim, then Lee Enfield, Space Ace is probably a good bet. It's certainly fast and slick, and offers you a bewildering variety of aliens to
splurge. However, if you require a tad more variety in your games, then you're going to be disappointed, because you won't find it here. Either way you'll love the graphics, which really are some of the
nicest that I've ever seen on a Spectrum. If only Infogrames could just pep up the gameplay content and variety slightly more, then they'd really become a force to reckon with within the software worldi

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Think you're hard, don't you? Bossing people around like you're some new sorta demigods (like me). Well I got news for you matey. Your cards are up, your time is due. $\mathrm{Ol}^{\prime}$
Kamikaze Killer is in town. I eat big, fat, ugly cowdungs like you for breakfast!
You remember me? That's right, I was that bloke back in 'Nam. The one that came close to giving you a nice red smile from ear to ear that night in 'Nam. That mantrap you set took off my leg!
Well I'm back now to finish you off. But because I'm a nice fella l'll give ya a chance. To prove who's the real Kamikaze, I challenge you to a, "see who can blast the most things," game. Send me Predator and we'll see who can get the highest score. The one who wins gets to be Ed of the mag. Mark 'Kamikaze Killer' Britton Wenesbury
West Midlands

## This is an excuse to get a free

 game ain't it? Kami ain't having it. You wanna fight, we'll do it with our bare hands.Hi, Mr Kamikaze Bear. What a stupid name; why couldn't you be called Rupert or Superted or something like that?
What I really wanted to say was that I bought Road Runner the other week, and I loaded it up and played the first level but when I tried to load level 2 it wouldn't. Could you tell what I'm doing wrong?
By the way, I think ISU is great.
Simon Hobster Wirral
Merseyside
PS If you print this, do I get any money for it?

What you're doing wrong is you're insultin' the bear!
Superted's a commie anyway.
Dunno about Rosd Runner -
anyone know what the problem
is? And ya don't get no money unless ys write somethin' nice sbout me or the boys.
| can't hold back this
information any longer. I just have to tell you .. I have fallen madly and passionately in love with Tamara Howard!
Anon (a good looking hunk from Southend)
PS I was of a completely sound mind when I wrote this letter.

## - "

## "Madly" in love? Nuff said.

0n the 22 nd January I was admitted to hospital with appendicitis and soon after I received your mega-cool mag. As I was going to be in a few days, I got stuck in and read the mag all the way through. I also bought issue 72 in February because I enjoyed the first one so much.
The piccy of you on the tape is brill, but I didn't realise that you were blue. Zarjas was brill, and I much admired your score of 700 .
I think both you and the magazine are both brill, super, magnificent and a game should be made about you and your mag.
Rory Morrison
Stoke on Trent Staffs

## - Kamikaze ain't blue! That was

 artistic licence (an' if they do it again I'll shove their artisticlicence where the sun doesn't shine). Thanks for the praise kid, we deserve it.
| would like to answer Colin Hulmes.
Riglar is ace! He is the best thing to happen to ZapChat ever. He has changed the old regime of, "I've got the highest score!" which always filled valuable space. There is also nothing wrong with ISU's reviews, I always read the review before I buy the game.
One slight quesiton. What happened to Gordo, he wasn't in the last issue, please bring him back.
Royd J Attenborough

## Kempston

Beds

- For the lest time - Gordo's gone to the Land of Tharg and the Soceress has taken overl So gef out of my facell
need your advice. I keep I having nightmares about Jon Riglar. Every night the same thing happens! He sneaks up on me and throws big tips at me.
What can I do?
Darren Cluroe
Penzance


## Cornwall

## Don't go to sleep.

isten scum, you'd better give -me some answers now, or l'Il bust your butt! In issue 72 you and your platoon of punks printed some pretty mean things about Jonathan Ross.
Now, if you don't start saying something worthwhile, I'm gonna get rought, an' heads are gonna roll. The wimp who printed that trash had better like
hospital food!
So print something decent about him, and a small picture (if possible). If you wanna hide, go ahead, but if you've got any sense, you'll print my letter. Anon
Penzance
Cornwall

- Kami ain't scared 'a youl Ya ain't even signed your name. $A^{\prime}{ }^{\prime}$ Jonathan Ross deserves aft he gets.

Can I hire you to find my prize? It's not much, just a frog from a competition in December's SU. I think someone in SU knows where it is, so l'll leave it to you. Please please help.
T Shipman
Skegness
Lincs
PS Do you like cream eggs? - Kami spits on cream aggs. You wanna frog? Boy you're some weirdo!

Thank you for printing my letter (March), explaining to Multiface and Snapshot owners that by send me a large SAE they would receive a FREE copy of Issue 1 of Instant Access, the Multiface Poke magazine.
I would have probably received lots of letters if you had printed the right address instead of that of an empty house.

The correct address for readers to send an SAE for a free Issue 1 is: Catherine Redgrave, 30 New Barton St (not number 20), Slaford, Manchester M6 7WW.

- I said, "Just this ance," last time, so I'm doin' ya a real favour doll. Everyone got it? Now shove off.


Could you please put on your next Magatape infinite lives for Renegade, because I didn't get the issue with the pokes on and I desperately need them to kill the man with the gun. Completely Anon
OK Anon, quit hidin'! Wo'll see what we can do: Ya obviously need all the help ya can get.



You got a commentr You got something to say? You got an opinion about what's good and bad. Wanna praise the mag? Wanna heap some indignation and kick a few butts? Don't keep it to yourself, just put your thoughts down on paper and TELL IT TO THE BEARI
Kamikaze don't mess around. I'll print anything that got something to say with a name and address on it (No address no printy yeffowbefly) you jus tell me all about it and send your message to 'Tell it to the Bear', SU Central, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU
think I'm just about ready to kick your ass. I have now written in to you 4 times, once in December, once in January and twice in February. I haven't had a reply, nor any mention in the most fab mag in the shops.

I have asked for a regular chart saying when new games are going to come out. And I have not received my gift in the "Everybody Wins" edition of SU (January). I am waiting patiently but not for long. If there is no reply to this or it is not printed in the mag, then you will be blasted into microscopic bear bits.
Martin lan Robertson
Westbury
Wilts

I told someone last issue we couldn't do the chart, and why. So go read if, Nerdo. An' Everybody Wins prizes are going ouf NOWI

After a couple of months' labsence, the centre page poster is back, and have we go a goodie first time round?!

No I think getting the poster back is great, but you put the Smash Coupons for Flying Shark and Combat School on the reverse. I personally didn't want to use these great offers, but I'm sure that those who did would have had to slice up the lovely little poster. Um.

## John Paterson

Denny
Scotland

> $\boldsymbol{A}^{s I}$ was looking through the world's best mag, I noticed a super fab brill $£ 1.50$ off Combat School and Flying Shark.

To my utter amazement the offer closed on January 31st, and the cover date was February.

What a bunch of pillocks you are - can't you tell the date? Don't try and set a poof-da teddy bear on me, or I'll come up that puny office of yours and shoot you all.
Lee Gunning̈Erith
Kent

You are so cool, informative and helpful, upright and clean-shaven, I'm sure you'll answer my question.

Can you fit a Sega System to the Spectrum 48K? I was just wondering Rhydian Evans

Menai Bridge
Anglesey

- Watta dumb question, course ya can'tl An' Tamara says she's not, "elean-shaven," she's naturally bare-faced.
| have been buying ISUI since I issue 12 and have entered many of your competitions. find it very unfair that you ask for overseas readers to send a stamped addressed envelope for the Mega competition. As I'm sure you realise, you can't buy English stamps in Ireland, and sending you an Irish postage stamp would be useless to you.

This policy is preventing Irish readers from entering your competitions and is thus highly unfair. Nevertheless, I have filled in your poll and am enclosing it with this letter

Besides this fact, ISU is brilliant, and I will continue to buy it as always.
Pat Spencer
Dublin
Ireland

- Huh, I never say that someone's complotely wrong in ease it upsets them. But you're completely wrong. Go to your post office and they'll give you a form, so you can pay the pastage in Ireland, but the form can be swapped for a resl stamp over here so stop whinging.


## hope you remember me, my

 name is Reginald. Reginald Bear, though you may remember me by my other
## $+$

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* As your CO in Vietnam, I felt
- put the record straight. Colonel Reggie
* AKA M. Needham

Wolverhampton
K West Midlands
 chanman


HOT FULL PRICE $G_{\text {making }}^{\text {auntet } 2 \text { trom USG is }}$ making a tentative effort for chart stardom, but has still got a long way to go before it breaks into the Top Twenty. Also dithering about is Activision's Rampage, which realy ought to know better. Climbing up the charts at a relatively slow rate.

$\checkmark$ IN THE TOP SLOT: PLATOON
CHART COMMENT FULL PRICE
The full price chart looks rather ssoundising this month, with an astoundirfg THREE Re-Entries.
$720^{\circ}$ Game Set and Match and Indiana Jones all claw their way back in there and jostle for the high places. Platoon has knocked Outrun off the top after just two months. The excellent ATF from Digital Integration comes swooping over the horizon, and Nigel Mansell comes round the corner at about 25 miles an hour to get a packet of fags. Altogether, rather on the predictable side. don't you think?

| 1 | DEAD OR ALIVE |
| :--- | :--- |
| 2 | RIGELS REVENGE |
| 3 | XMIGHTMARE |
| 4 | PLAY IT AGAIM SAM |
| 5 | GHOSTHUNTERS |
| 1 | ATV SIMULATOR |
| 2 | FRUIT MACHINE SIMULATM |
| 3 | GRAND PRIX SIMULATOR |
| 4 | PRO SKI SIMULATOR |
| 5 | BMXX SIMULATOR |



go-gol medieval-ness a go-go! Ramparts is USG's latest corker of an arcade game. It's based (very loosely) on the coinop Rampage - you know, up and down buildings, bosh bosh, shum shum, knock out all the plaster work, don't get clobbered by the cannons etc.
Anyway, it's pretty good, in fact, and what with USG being the lovely, lovely just like it was in the blitz, community spiritty sort of a company that they are, we're able to offer you a gobsmacking medial reading class at $£ 1.50$ off the retail price school, all you have to do
that your average bricky would have to pay.

In case you're in the re-

## RAMPARTS



ALONG WITH COUPON.
If you follow these particularly easy instructions, you'll have a copy of the game before you can say "Whippet" (every day for about 28 days). If, on the other hand you get it wrong, don't be surprised to find a huge spikey mace up your buttr

in order to get the game is fill in a cheque/postal order for the appropriate amount (on the coupon,


Kend coupon (and your name and
address) to: Knight Orr Smash
Offer, Rainbird Software, 64-76
New Oxford Street, London. Rlso
include your cheque/postal order
for £11.95 made payable to Rain
bird Software Ltd,
coupon. And I get a full $£ 3$ off the retail price.
computer Knight Ore, but few have been lucky enough to gain ownership of one themselves. You can get theeself a copy of the game by following these instructions. One: Go to the mystical dingly dell and turn a hazel twig thrice around the amulet of

Zok. Two: Slay the largest dragon in the kingdom with thimble.
In a flash, your mind is made up. "Stuff that for a game of soldiers. ©SU beats you hands down on that offer. All I have to do to get Knight Ore from them is send off this



TH: Ocean, once rich and successful, but dodgy-productridden, is now rich and successful and really rated by our readers. A truly impressive performance from a company that didn't have to worry too much about product quality, but did. A company that really put some effort into doing good work
ID: Yes, and it takes a lot of advertising space as well doesn't it Tamara?
TH: Well sometimes it does Jim good also to see a high placing for Hewson. Very well deserved that
ID: And now on to

## BEST GRAPHICS IN A GAME

## 1 DRILLER

2 EXOLON
3 OUT RUN
4 HEAD OVER HEELS
5 RENEGADE
ID: An interesting win there for Driller with its 'state of the art' 3 $D$ displays an' all. Also nice to see a placing for Head Over Heels - a marvellous game which really didn't do anything like as welll as it should have. Exolon is another well deserved high placer
TH: Yes, and now let's boogie on down to the sound of

BEST
SOUNDTRACK IN A GAME
1 OUT RUN
2 AGENT X2
3 TRANTOR
4 URIDIUM
5 BUBBLE BOBBLE
ID: Well I've certainly tripped a few light fantastics to that little lot - which is your own favourite Tamara?
TH: I go all tingly at the thought of the Bubble Bobble sondtrack actually Jimboid
ID: Really? . . Um well, on to the next category and it's WORST GAME OF 1987
TH: Yes, and I think I'm reading that one out actually, Jimmy so shut it, here we go with

ID: Some real dodos there Tammy
TH: Yes though Game Over wasn't that bad, I think it just got a lot of 'T'm very disappointed because the flash artwork led me to believe there would be seminaked women in it and there wasn't' . . . serves 'em right really
ID: On to one of the sections I'm most interested in and that's

## BEST FILM

## 1 CROCODILE DUNDEE

2 FERRIS BUELLER'S DAY OFF
3 COMMANDO 4 BEVERLY

## HILLS COP 2

## 5 GHOST BUSTERS

ID: Nothing too surprising there really though surely Ghost Busters wasn't actually released in 1987, so that must be counted a video vote?
TH: Actually I'm rather surprised there weren't more violent films in the top five
ID: Now we have the top five worst films, don't we Tamara? TH: No Jim I'm afraid you're completely wrong again. There are, in fact only three winners in this category, because apart from these three nobody could agree on anything

## WORST FILM

1 SUPERMAN 4 2 STAR WARS 3 INNER SPACE
ID: Certainly no doubts about the winner there, but a bit of a surprise at Number Two.
TH: Yes you're right there but let's move on swiftly
ID: Worst TV isn't it Tamara? TH: Wrong again Jim because before we do Worst TV we have to do best TV, don't we Jim?

## BEST TV PROGRAMME

1 EASTENDERS
2 BREAD
3 BLACKADDER 2
4 THE LENNY HENRY SHOW
5 BROOKSIDE never know you 'chelle
TH: That was crap Jim. Talking of Crap.

1 EASTENDERS
2 DALLAS
3 CROSSROADS
4 EMMERDALE
FARM
5 GARDENER'S WORLD
ID: I think some readers will be quick to spot that Number One in this category is the same as Number One in the last category won't they Tamara? mentioned it, dolt YEAR Tamara?
TH: Well let's find out shall we?
$1+3$ 3 LIVING
DAYLIGHTS
5 THERE IS NO NUMBER 5

ID: Bit of a blow for Alan Sugar there, eh? Poor old, Alan, nice chap.
TH: Oh yeah, I'm sure he'll be crying all the way to the bank. You're such a girl, Jim. Let's crack on with

TH: Why Ange doesn't simply organise a Mafia Hit on Den I'll

ID: Have you heard my impersonation of Lofty . . . TI really love

## WORST TV PROGRAMME

TH: They will now that you've
ID: What's RIP OFF OF THE

## RIP OFF OF THE YEAR

2 INDIANA JONES

4 YOUR SINCLAIR

WORST GAME OF 1987
1 SOCCER BOSS
2 GAME OVER
3 MASTERS OF THE UNIVERSE 4 GRID IRON
5 HANDBALL MARADONNA

## MOST <br> DISAPPOINTING LICENSING <br> DEAL <br> 1 LIVING <br> DAYLIGHTS <br> 2 RYGAR <br> 3 BLOCKBUSTERS <br> ID: Personally I'd say that the game of Blockbusters was actually more bearable than the TV series but there you go. Next category is .

## BEST LICENSING DEAL

## $1720^{\circ}$

2 THUNDERCATS
3 OUT RUN
4 RENEGADE
5 INDIANA JONES
TH: I'm very pleased with that result actually, though I'd have put one and two the other way around
ID: Well I wouldn't so there anyway here's a curious category.

## CHARACTER COMPUTER YOU MOST ENJOYED WATCHING DIE

## 1 LION-O

2 MONTY MOLE 3 VITORC

## FROM EXOLON

## 4 BARBARIAN

 5 BERKTH: Couldn't agree with the choice there more - the way Lion-O goes 'poom' into the air and falls backwards and the way Vitorc hurtles backwards and

## READERS' POLL CONTINUED

ably enought of that actually Tambo
TH: . . . and the way that Mole falls hopelessly through the air and
ID: Right thanks Tamara now it's

## SU 's BEST BIT

1 POKE CITY
2 REVIEWS
3 PREVIEWS
4 CHARTS
5 GREMLIN
ID: I guess our readers must be even more pleased now that Poke City is on tape
TH: I should certainly hope so im, God knows we try . . . did they say anything about anyone's reviews in particular being preferred Jim?
ID: No they didn't actually, but I think we both know whose they would choose
TH: Glad you agree Jim. Is there anything about SUI our readers don't like?
ID: Well here's the category to prove it .

## SU's WORST BIT

1 There is none 2 SURGERY
3 BACKGROUND
NOISE
4 GORDO 5 HEWSON'S HELPLINE

TH: Are you sure about that Jim, I mean everyone will think it was fixed
ID: Well it wasn't, so there TH: Well that about wraps it up for this year's awards. I must say I've had a marvellous time. What about you Jimbo?
ID: No, actually I haven't really. I mean, you got all the best categories to read out and everything and don't keep calling me Jimbo TH: Say goodnight Jimbo ID: Goodnight Jim TAMARA HOWARD AND JIM DOUGLAS ARE CURRENTLY UNDERSTUDYING FOR CYBIL SHEPHERD AND BRUCE WILLIS IN MOONLIGHTING

## Cybill

Jाm

## Willis





# VIDEOFACE <br> VIDEOFACE digitiser takes pictures from a video camera or recorder and turns them into standard hi- res Spectrum screens. 



# 02 $(35)$ <br> NOW YOU HAVE  nadifiecee threes 

"TII F PIUs 3nisesouluow<br>(Sinclair User)

In the beginning there was the Spectrum. Lats of people bought one. Lots of other people wrote games for the Spectrum, and lots of people bought those as well.

But there was a snag - everything used cassette tapes, which were fine for Depeche Mode but not for so hot for computer software. Slow, unreliable and frustrating were some of the kinder terms used for the medium.

Now there's the $\mathbf{1 2 8 K}+3$, a games machine that has all its software on tape and built in disc drive Guess what Romantic Robot has produced?

Multiface 3, that's what. Plug it into your $128 \mathrm{~K}+3$, and load a game from tape. Press the red button and you can port it on to disc at any stage, yours to load in a trice at a whim's notice. Multiface works by waiting for the program to load and run. Then it takes a copy, and as the program was running at the time, it will run when the copy is loaded back later.

The tape to disc function of the Multiface 3 would be enough to recommend it to anyone. But there's more. When the red button is pressed, a whole range of functions appears. You can look through the $128 \mathrm{~K}+3$ 's memory, altering it at will. High scores have never been so easy to obtain. Memory can be displayed as hexadecimal, decimal or text. All of the $128 \mathrm{~K}+3$ 's 128 K of Ram can be fiddled with, not just the 48 K 's worth that Basic has access to.

You can also print out areas of memory and screens in a variety of different forms. The Multiface 3 can do the same types of graphics dumps as its brother Multiprint, straight text, Spectrum-style Copy and a couple of shaded screen
dumps. It can't do much more than 128K +3 Basic does, but it does it in the middle of programs.

The main purpose of the Multiface is to get things on to disc. As well as the simple Save and Load, it's got a few other tricks up its interface. You can, for example, use the dise from 48K mode. Lots of people get excited by this.

Other things that the Multiface can do is allow you to erase a file to make room on a disc, in case you need to save something in mid-game and can't get to Basic to do the deed. You can't Format a disc from the Multiface, alas.

Multiface also compresses stuff automatically, and doesn't Save empty areas of memory. These two features mean that you can get (for example) more than three games on the 170 -odd K allowed you per disc side. But you can turn those features off, if need be.

Everything is accessed by the traditional one- or two-line menu and single keypresses. Multiface 3 is very careful about invalid inputs, and didn't crash or otherwise misbehave at all. And I did try to confuse it.
More than that, what can I say? I enjoy a good rant, most reviewers do, but the Multiface 3 seems set on continuing the Romantic Robot tradition of doing the job reliably. I can't even complain a little.
Any 128K +3 owner will find it a wonderful device, indispensible even - I'm not giving mine back without a fight. I expect to see the usual extra programs appear for the best in due course (Genie et al), whereupon not owning a Multiface 3 will brand one a complete loser
 the MULTIFACE I or 128 , load a game, press the MULTIFACE's button and LIFEGUARD is ready to look for infinite lives, ammunition, etc. Once it finds it, your playing and score will never be the same - you'll win again and again and for $\mathbf{6 6 . 9 5}$ ONLY!

## 

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When we were approached by Activision to produce Predator across all formats, we thought that we'd have our work cut out for us for the next few months. When we heard that it was to be the company's big release of the year, we knew that we'd have our work cut out! The whole thing had to be put together in under four months, but somehow, we at Source managed it.
The team that was finally put together to produce Predator on the Spectrum was as follows: James on coding, Bryn on graphics, and Paul doing the


## PREDATOR

music and sound effects. Having established who was going to construct the project as a whole, a development schedule was set up by our technical director, Adrian Scotney, and the project was under wav.
The firsi step in coding was to construct the scrolling
backgrounds, along with a simple sprite routine. Various scrolling speeds were tested, eg 1 pixel, 2 pixel, 4 pixel, 8 pixel. A final speed of 4 pixel was settled on to tie the animation of the main character. While this was being worked on, Bryn was drawing the backgrounds, and then the main characters. To do this he used an Atari ST and Art Studio. The graphics were then ported across to the PC development system, which Source uses.

On receiving the backgrounds and the main character sprites a new sprite routine was written in order to handle the animation. After several tests involving the use of colour, it was decided to use monochrome only. The reason for this was to avoid
attribute clash due to the 2 pixel movement of the main character and associated sprites. At this stage it was decided that no more than 16 sprites would be allowed on the screen at any one time, in order to allow adequate gameplay.

To begin with, 34 frames were used for the main animation of the central figure (Arnie). This produced a very high standard of animation. In addition to this, a further 16 sprites were used, bringin the approximate total of frames of animation to 40 .

While James and Bryn were busy on the coding and graphics, Paul was composing the music for all versions of the game. As the film does not have a theme tune as such, it was decided to compose a piece to suit the game. Paul uses an Emulator sampling keyboard to compose his music, which is then downloaded as data via a Midi interface to the target machine. A music driver written by Simon was then used to read. the Midi data and produce the music heard on Predator.
The game consisted of a total of

7 loads, the first being 'load zero,' which was a film style start sequence. The second load was the main game code itself, and the other loads were the game's levels. (Each level consisted of 10 screens, with no wrap-around).
The homing of the alien point of view (the triangle) and the alien red dots effectively used a line of drawing routine to draw an invisible line from the triangle to the main character. The sprite followed this line until it reached the main character, or was turned off under program control. If the main character moved while the triangle was on the screen, a new line would be calculated and the sprite would follow this new line.
The final stage was to write the loaders for the various levels, and to test the game. This was done in conjunction with Saul at Activision to get the gameplay to their liking.
When the graphics were finished and the music completed, James put together all the various parts of the program and, with the logic completed, Predator was finished and off for mastering
Source


Now look, just because this is a cowboy sort of game, there's absolutely no excuse to start, or even continue, this review along the lines of, I Was Born Under a Wandering Star, Raindrops Keep Falling on my Head, or such other Western-style film tunes. No, I'm not the sort of gal to hang around saloons and drink raw whisky and sing (That's a lie for a start -GT) so


## G <br> 

I'll just get along with this here review.
Gunsmoke, latest release from Go! is a conversion from a little known coin-op, which was, to say the least, not overly impressive in the first place. Yet again, the scenario is of lone good guy against hordes of screaming bad guys with simply enormous weapons.
Each of Gunsmoke's levels involve ploughing your way through various outlaws of varying nastiness (the weight of the guy's beard is usually indicative of the degree of ghastliness of his character) in order to reach Mister Big, the Last Outlaw, the Final Bad Guy. And he takes an awful lot of killing.

Along the way to Public Enemy Number 1, there's the

dd bouncing horse (don't axe me why) and some handy stars a-lyin' on the ground. Shoot the handy stars to reveal bonus points, and the odd stick of dynamite which alternately blows you up, and, er, doesn't. No sign, as far as I can see, of those barrels which appear in the coin-op revealing new boots, guns and other pieces fo weaponry
Apart from the lack of barrels Gunsmoke on the Spectrum bears a good resemblance to Gunsmoke in the arcades. The graphics are good and clear (despite being that ghastly shade of yellow which seems to be all the rage in games these days) and your character moves with a good, manly swagger But yet again, we've got the rotten invisible bullets

syndrome. Or rather you can see the bullets, but owing to the enormous number of them present on the screen at any one time, the chances of avoiding 'em are pretty slim. It's a tough game, with the baddies outnumbering you several to one, and things crack along at a fair pace. But it's not a game that's anything out of the ordinary. It's a relatively good conversion of a relatively good coin-op, and that's it. Period. There's nothing to lift it up to the standard of the Cybernoids and Fireflies of this world. If you want a perfectly competent cowboy blast, go for it. If you want innovative and astounding gameplay, p'raps not


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cash on Crazy Cars from Titus. Crazy Cars, as is thoroughly apparent from the screenshots, is (yet) another pedal-to-themetal, punctured exhaust, no red lights, round the 3-D circuit with no care or attention excursion. The obvious comparisons with Outrun just have to be drawn. So l'il draw some.
For a start, the conversion of Outrun was an incredible task to undertake, and so lots of people were very disappointed that it wasn't exactly the same as the coin-op. Indeed, it was in the attempt to copy every single aspect across to the Spectrum that made O.R. a trifle shakey on the playability front; too many graphical 'frills' slowing things down.
Crazy Cars suffers no such


The other cars waver around in the middle of the track. getting in your way, and refusing point blank to pull in to make room for you to overtake. Reminds me of the guy in the Porsche who nearly ran into me last night
The graphics, as l've outlined, are reasonably simple. Each car is just about recognisable as its intended type. The Porsche looks a bit like a 50 's space-ship it's true, but the Ferrari and BMW are fine.
problems. All but the barest trimmings have been chopped away; the buildings, signs and shacks in Outrun have been replace by tiny bollards every 100 metres or so. The road is the same width all the way - no chicanes. As a result, the whole thing has very much the feel of a mechanical, efficient program. There are hills and ramps wheih bounce your car into the air with varying severity, depending on your speed.

The pace is, as far as I can recall, speedier than Outrun. You can get up to some fairly exhilarating speeds, and there's definitely some skill involved in keeping your car on the road.

It's a shame that there's no way you can change gears manually. Everything is done by the computer, and so your control only extends as far as steering and speed.

Should you crash into another car, you'll find that



## SOPHISTRY

Sophistry is an exploration game, with over 400 screens worth for you to die on. You play a little marble like thing who has to find 64 keys to open up every room on every level. The keys are hidden around all of the 20 levels of the game, and boy, does this game demand a lot of thinking before you start getting the keys. A map is definitely called for. Each of the screens are composed of little blocks, each looking like the graphic symbols on the top row on a Spectrum keyboard. Altogether, they look like dominoes, that's not important. Your little marble bounces from block to block in all of 4 directions (Wooooool) It starts easily enough but on later screens the blocks start disappearing! Timing jumps then becomes essential. The blocks on each screen are laid out like a maze, and on some screens lots of strategy is required, especially with problems like locked exits and seekers. Eh? you say, what dey? Read on
As well as the basic maze aspect of the game, there are lots of other features to make the game harder and generally give me more to write about. Each of the screens have different scenarios and features. The scenarios include Freeway, which means that you can move anywhere without restriction and Jumpy, which

makes the blocks immediately adjacent surge up and down. Various others exist, but I'm not going to let you into all the secrets.
Seekers are another feature of the games - funny little animats that chase you around the screen. More surprises with the mystery blocks. Land on these for the unexpected. It might be bonus points, an extra man, it might even kill only seekers on the current screen
Each level is different, on some the exits don't always open automatically. Some are time locked, which means you have to stay on the screen for a specific time before the exits open. On others, the exits are scorelocked, which means that
 ( $0-60$ in three seconds) and has a top speed of 200 mph . Even better than a 3 litre Capri.
Crazy Cars is certainly more entertaining to play than Outrun. The courses seem more interesting, what with the severe hills and oil, and you get the dangerously exciting feeling that you're not really $100 \%$ in control of your car at high speeds. The game loses some points for its lack of 'polish', but it's definitely the most successful attempt at automobile-bound 3-D racing game to date on the Speccy

you have to score a certain amount before the doors open. The graphics on the game are good. Very good for what is really a strategy game in fect. The boards are presented in pseudo 3-D view across the board. The marble you play is very well animated. When it jumps, it splits like a spring. then comes back together. Stray off the blocks, or try to leave via a block that isn't an exit and you'll explode. Painful but true.

Sophistry is a great game, and one I recommend to both strategy and arcade games alike. And even my granny thinks it's the best thing since

## ARCADE

## REVIEW

P
layers. So phenomenally flabbergastingly good over the past few months that we get terithly excited when we hear that a new launch is planned. So when Denizen was announced we found ourselves in need of a good hosing down and a long hanging out to dry
Denizen, true to arcade


natty little computerised display at the bottom of the screen showing pass keys held, remaining ammunition, score and heart rate. The slower your heart rate, the more danger you're in. Heart rate stops. you're dead.

Denizen is certainly on the tasty side. Sadty the gameplay's just a bit on the tedious side. You'd think that there's so much going on that there'd hardly be a second to breathe Not true. Your little man ("well he can't walk very fast can he, not in that space suit") trundles around very slowly. The grizzly filies on level one, the ghastly plant-like things on level two and the radioactive blurgs on level three don't seem terribly worried about going for your guts, they'll happily meander around the place, and if they happen to bump into you, all well and good.
Add to this the fact that your remarkable, 'state of the art' self loading rifle acts in the manner of an aerosol gun, two slow puffs and off goes yer fly, and you'll find yourself with a game that looks remarkably pretty but is actually not dreadfully exciting to play.
Denizen isn't up to Joe Blade standard. It looks remarkably pretty, but the gameplay lags behind. Still, if you've got the patience to keep at it, you may find it rewarding. Me, I got fed up when my lifeform gets
tradition, comes complete with
completaly spurious storyline completely spurious storyline.
Jabba. McGut has taken over a plutoniurn reprocessing plant high above the earth, and it's down to you to chuck him out First impressions of Denizen will make you feel all flushed and wobbly. The graphics are just knock out, well up to the standard of previous Players' epics. The game is played plan view. Beginning on Level One, there's first a maze of corridors wonderfully detailed. Scattered around the corridors are various pass cards which are necessary to open gates to other sectors. Also scattered around the place are fly like things which are hell bent on getting their tasty sticky




So, off you go, picking up the keys, snuffing the flies and looking for the torch. The torch Necessary to light up the darker areas of the complex, but don't ask me what difference that makes in life cos t"ve not found the darned thing yet. Search also for explosive bolts, necessary to jettison Jabba and all his contaminated muck.
Coupled with this exciting.
thrill-a-minute gameplay is a

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## DAN DARE

ARCADE Label: Ricochet Author: Gang of Five Price: £1.9s Memory: 43K/128K Joystick: various Reviewer: Tony Dillon Atmospheric colourful arcade adventure that really brings the ferm 'Computer Comic' to its true meaning A wise choice for re-releases on the part of Ricochet

He of the oversized-pea for a head has a bit of a cheek, don't you think? You've just got your feet up in front of the telly, when all of a sudden the Mekon interrupts to tell you he's going to blow up the Earth with a whopping great asteroid. You, being the mucho macho kinda guy that you are, have set off to the asteroid in question to see if you can't find a way to blow it up. When you land on the ever-so-large lump of lethal rock, you discover that you have to find five parts of a SelfDestruct mechanism in order to destroy the thing.
The graphics for Dan Dare have been very well reproduced from the comic in this not-so-old Virgin game. A particularly nice touch are the little captions that appear in the corners of the screen whenever anygthing of significance happens. The game is certainly hard, but not overly so, just hard enough to make you go, 'give us anovver go', It is set over a large number of colourful platform screens, divided into 5 levels, all of which are populated by lots of green trees (the Mekon's henchmen), who chase you and drain your energy.
Dan Dare recelved a Classic first time around, and I would give it one now, if I were allowed. It's cheap, colourful, very playable and more importantly, fun. -

## 



## BRAINSTORM

ARCADE Label: Firebird Author: Steve Cooke Price: $\mathbf{5 1 . 9 9}$ Memory: $\mathbf{4 8 \mathrm { K } / 1 2 8 \mathrm { K } \text { Joystick: various Reviewer: Chris Jenkins }}$
One of those 'Justy graphics and gameplay' type budget games

Doff by Tau Ceti programmer Pete Cooke on a wet Tuesday afternoon, one assumes, Brainstorm is a combination of quick reactions and forward planning which is well worth a look.
The screen is divided into coloured blocks, and around it bounces a little white ball. At the bottom of the screen are three line-projectros. Select one from the menu on the right of the screen, move your pointer to the ploying area, and press fire to project a line on to the screen.
The aim is to pen the bouncing ball within the impenetrable lines. The trick is to pen it in over the red-coloured areas of the screen, where the ball will score you points until the timer runs out. but other colours will
 lose you points, so a cool hand and a quick eye are demanded.
With 26 screens of increasing to complete, Brainstorm is a lot more fun than it looks and should be on your shopping list:
效侪 8

## FIFTH QUADRANT

ARCADE Label: Ricochet Author: in-house Price: $\mathbf{£ 1 . 9 9}$ Memory: 43K/123K Joystick: various Reviewer: Tony Dillon
Tedious 3D arcade adventure with little or no playability

Who'd be a person called Bodd? Yill tell you who. One of the 4 heroes in the old Bubble Bus title, 5th Quadrant. You play the 4 robots who have been given the task of re-programming a fow computers on a spaceship that has been taken over by a lot of nasties who in turn have re-re-programmed the same items.
Confusing? Not hall as confusing as the gameplay. Your sprite looks like a pepperpot with no face, so you can't tell which way he's pointing. Also, you don't seem to be able to fire straight at the very-fast-to-appear-but-wery-slow-to-die nasties that come at you with a glitch and a smile. The graphics are plain, sound even plainer and attogether, not my choice for the prestigious cheapo of the month, awardi


You'd think that the software industry would be fed up with Breakout by now. You know what I mean, all these games involving you controlling a bat which is used to knock a ball into some bricks to destroy them. No matter what the plot it, no matter what the name is, they almost always look the same. I say almost, for yes, there is one that is different. Ballbreaker, from


CRL, was to rewrite history with its revolutionary 3-D view and added extras. Ballbreaker 2 is the sequel. Frankly I think it's not so much a sequel, but more a continuation.
The game is played in a series of courts, all viewed in pseudo 3-D, with the nearest edge of the court parallel with the bottom of the screen. No time for fancy isometric stuff here. The bricks are piled as an upright wall at the left edge of the court, and your bat is positioned right at the opposite edge (that's the right edge, you may be pleased to know), and is right on the edge of a very long drop, which will be the fate of the ball if you aren't quick enough.

The ball then drops on to the screen from somewhere above

and bounces quite realistically. Note. This is the only time that the ball leaves the floor. Now, the more intelligent of you might be thinking to yourself, "Wait a mo. A moment ago this Dillon chap said the bricks are piled upwards. If the ball doesn't leave the ground, how are you meant to get the high up bricks?
As you bounce the ball around the screen it will hit a brick or two naturally. That brick then disappears and, here's the clever bit, all the bricks above it fall down. So, a pile of 4 bricks

ARCADE
 with that thought in mind, and the fact that there are only
about 20 bricks on any one screen, doesn't it sound easy? Yes, Tony. But a disease
remains. One that has lasted al eternity. It is, The Last Brick syndrome. You know, when
you've cleared the whole screen but one brick is left, and you
spend ages trying to get at it but you can't hit it, and you go


$\square$

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62


STARQUAKE
A complex and enjoyable arcade-adventure ideal for mapping freaks
ARCADE Label: Ricochet Author: Stephen Crowe Price: $\mathbf{\Sigma 1 . 9 9}$
Memory: $\mathbf{4 8 K} / 128 \mathrm{~K}$ Joystick: various Reviewer: Chris Jenkins
his re-release of a BubbleBus oldie is well deserved. Starquake is
one of the most enjoyable and well-designed collect-the-chiects and-zap-the-nasties titles. You control BLOB - Bio-Logically Operated Being - through a complex of caverns, in search of the components
of a planetary core, which are needed to stop it from exploding. of a planetary core, which are needed to stop it from exploding.
There are filing plattorms which help you to speed through the more slimy and fast moving baddies, and a transporter network which will allow you to access other to otherwise hidden parts of the
cave complex. Unfortunately, the packaging for the review copy omits to cave compiex. Unfortunatoly, the packaging for the review copy omits to
mention any of this - it just gives you the control keys and tells you to get


10 GREAT GAMES
Excellent compilation which would be a great Christ. mas present, but don't wait that long
COMPILATION Label: Gremlin Graphics Author: various Price:
£9.99 Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$ Ioystick: various Reviewer: Chris lenkins
£9.99 Memory: 48K/128K Joystick: various Reviewer: Chris Jenkins ousy title, great compilation. 10 Great Games il is a selection of
largely well-known titles including platforms-and-ladders, shoot--'em-up and strategic games. Mouse Detective. Thing Bounces Back Coconut Capers, Basil the Great Mouse Detective, Thing Bounces Back.
and Auf Weidersehen Monty are all p\$1's; Basil being a particularly nicelooking one. Samurai Trilogy is a largely unremarkable chop'n'slash epic; MASk the game of the toys, a search-and-destroy scenario. Convoy up, and the two fillers, The Duct and
Final Matrix, are respectively a maze game and a Tempest variant. Excellent value, then, if some of the better thites haven't yet found
their way into your own collection



CAGE MATCH
ARCADE Label: Mastertronic Author: Icon Design Price: $\mathbf{\$ 2 . 9 9}$ Memory: 48K/128K Joystick: various Reviewer: Tony "Not very easily impressed" Dillon
A lame game with lame graphics and the lamest playability seen since the last really lame game
s you might have guessed, I have a new word. Lame. Meaning
silled as a 'future sports simulation', you play one of seven
Bety 'wrestlers' stuck inside a huge cage. You have to punch, kick, slap and only say that this game reminds me of nothing so much as that other having little real effect on what is going on. The graphics are poor and
 the animation is slow and jerky. The
sound is pretty limited too. Is there sound is pretty iming good I can say about this game, I ask myselr Well, it does there two people who want to play nt




A computer product from Ocean.

## (1) in




## NORTH STAR ${ }^{\text {m }}$

Alone it stands, majestic and proud... the final hope to Earth's savagery and overpopulation... North Star, a glorious space station orbiting serene tranquility, too much tranquility... preparations should be underway for the final evacuation. Communications are dead, scientists cannot be raised... a dreadful gloom overtakes the population... has their last hope gone? Only one can find out, only one has the necessary powers. That one is you... a unique leing on a mission to rescue a unique project.

* Spectrum $\mathbf{4 8 K} \mathbf{5 7 . 9 9 \text { Cassette }}$ Amstrad $£ 9.99$ cassette $£ 14.99$ Disk Atari ST £19.99 Disk CBM 64/128 £9.99 Cassette f 14.99 Disk

"FROM OUT OF THISWORLD...



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comments on paper,
fill in and cut out the coupon below and send it in And if you don't send us your picture

- the sillier the
better - we'll have to print a picture of a slug


## TONY

## CHAOS

O$f$ all the many games I have bought in my time Chaos is easily the most popular. Why?

Well, firstly because the game is quite original, no coin-op conversion here. Secondly, the playability is infinite. Since Ive had it I must have loaded it up a thousand times. Next, the variety is excellent, fifty spells to summon and attack your fellow wizards with. And finally, the pace is fast from start to finish, which certainly makes it different from other wargames.
So where's the Classic? In my mind, 8 stars was not enough, especially considering the price of $£ 1.99$. Chaos easily the best value ever
Martin Dodd
Clwyd
Putting his fiver towards: Driller.

## DRILLER

While the rest of the world goes cmpletely mad with excitement over Driller, you only give it nine stars. WHY? Beyond reasonable doubt, it has the best graphics of any Spectrum game to date. It deserves ten stars and a Classic.
There's so much to do in it, simply exploring each section is a game in itself. The addictiveness factor goes right off the scale! It may be expensive, but compare it to other games of the same price, and Driller emerges as the clear winner.
Driller is the real game of the century. Freescape (the technique used) is the most exciting thing ever to happen to the Spectrum. Well done Incentive!
Richard Gunn
Poole
Dorset
Putting his fiver towards: Knightmare


JIM


## COMBAT SCHOOL

W ho does Jim Douglas think he is? Only giving Combat School nine stars? It's an excellent game. Combat School is THE game for the 128K and still pretty hot on the 48 K .

Jim Douglas must have played if for only five minutes to give it that mark. The graphics are in a class of their own, and the music on the 128 K is unbelievable. The Government should bring back hanging for people like Jim.
If there is anyone out there without this amazing game, get out there and buy it now. If you don't, you'll regret it for the rest of your life.
Stephen Carter
Higher Blackley
Putting his fiver towards: Flying Shark

- Jim says: Good griefl I gave the flaming thing 9 stars! Some people are never safisfied. I don't know


## GRYZOR

Tryzor is absolutely excellent. Well worth a Classic, but you only gave it nine stars. What!II? Shock, horror). Jim Douglas must have been threatened into giving it a bad review. A Classic is meant to mean "The best program of its type we've seen to date.' Ive never even seen a game of the Gryzor Level 2 type anywhere. It's like a whole new
trend in games. rd sell my granny in order to play Gryzor.
Neil Keefe
Caterham
Surrey
Putting his fiver towards: Ramparts

## MATCH DAY

Wott No violent massacres of helpless four-headed Swedish mangoes, no biting off the noses of Gordon Gopher look-alikes and no stangling of giant, joystick wielding, African speaking, a lot of apricot slices, just a bunch of skinny, semi-naked plonkers legging it around a pitch playing the mind-bogglingly
complicated game of soccer.
Match Day II is, in a word, such a pile of semi-digested flesh and drivel that I finch at the thought of playing this programming monstrosity. How Jan Ritman and Bernie Drummond managed to come up with such trash totally contrafibularitates me. After such excellent hits as Head Over Heels and Batman, these megaprogrammers should have done better. The graphics are chronic, the gameplay is chronic - people, do not buy this game, simply because of the excellence of the first Match Day game. 7 stars, bah!!!@?!
A J Hemic
Lancashire
Putting his fiver towards: Garfield

- Look I didn't oven write this one Christins Erskine did. But she'd probably say that all Speetrum foothall games are crud and MD II is. the least worst.


## MERLIN

feel that it is my duty to complain 1 about the review you gave Merlin. 1 thought the game was utter II"? I wouldn't have given it 1 out of 10 . The program was not well done at all, neither were the graphics, which you said were good. If's a terrible game, please do not do this to your readers again.
Gerrard Kennedy
London
Putting his fiver towards: Didn't say

## 3D GAME MAKER

How could you give 3D Game Maker only six stars, I do not know. Nobody gave The Quill only six stars because graphics weren't available at first!!
The big mistake you made in your review was about enjoyment. The program is meant for fum, not especially designing games for the market. You cannot hope to design a program like Head Over Heels or Batman, so why grumble? I used The Quill for miniadventures, as $90 \%$ of people did, so I shall use the 3D Game Maker for the same thing.
Come on, ten stars for the first isometric designing program. And for only $£ 9!$ The Quill was originally $£ 151$ I expect you'll complain about the price being $£ 9$ not budget price, just because you can't manipulate objectsItI
John Tabraham
Prescot
Merseyside
Putting his fiver towards: Knightmare

# IMPORTANT NOTICE <br> SU CUTS WRITE STUFF PAYMENTS SHOCK 

It's true, from now on all Write Stuff entries will be paid only five pounds instead of ten. "Meanies" you cry. Not so, nor will we spend the money we save on holidays in exotic climes. We did it for you. (Cries of "Lies" "Cheats")
The point is we were getting so many Write Stuff entries the chance of any particular person ever getting their opinion printed was getting about one in a hundred. By cutting the cash to a (still generous) fiver we hope to separate those who have a real opinion to express from the plain greedy and give the former more chance to get printed. Hope you agree.

## The <br> WN/I王

## GRAHAM GARFIELD

Graham Taylor, what are you Ghinking about? You gave Garfield (yes, Garfield) 10 stars. How can you give such an incredibly boring game 10 stars?
Yes, the graphics are some of the best that Ive seen on the computer, but the gameplay is sadly lacking. The sound is pretty naff too, when Garfield walks anywhere there is an awful slushing sound. Yes, Odie the dog and Garfield are well animated, but there's just no fun in the game, which you'd certainly expect if you've read the cartoon.

The idea of the game to to rescue Arlene, your girlfriend, from the pound, but half the time you haven't a clue what you're doing because the game is so vague. It deserves 5 stars for effort and graphics, but nothing for enjoyment. Stephen Crawford
Co Kntrim
Putting his fiver towards: Inside Outing


TAMARA

## DARK SCEPTRE

66. . zzzzz. Has it loaded yet?" Look, apart from taking far too long to load, this game is just plain dull. Most of the commands are just not necessary. I mean, what's the difference between, "Go to Gatoars Fork and Ambuxh the enemy," and, "Defend Gatoar's Fork"? The so-called neutrals, the Greens and the Blues, are instantly enemies, and so for Aurico, well he seems to have coddled off for a quick tea break. Boocoring.
Graham Innocent
Easton on the Hill
Putting his fiver towards ATF

## HOW TO BE A COMPLETE B*****D

Itally agree with Graham Taylor's $I_{\text {review of }}$ How to be ... It's an ultra-mega-cool game. He must be really really mean if he thinks it's only worth a feeby seven stars. I think it should have been a Classic, it is just so cool. Some idiots would class it as

## THUNDERCATS

Ithought this game could well be nearly as exciting as me. (And [SU of course). I slapped it into the old +2 and stood back in amazement. The graphics nearly knocked me out, especially Mumm-Ra and Lion-O Thundercat himself. They're just great. The title music wasn't bad either, with the cool roll, starting music and good tune when downing the Molemen. Great action and at a fast pace. Overall, bootiful.
Well done Tamara, and well done Elite, GREAT. And doesn't Tamara Howard look like Mumm-Ra? Richard Gale
Ferrbridge
West Yorloshire
Putting his fiver towards: Out Run - Tamara says: Oomph-blourgh-mmff-ggareh! (Rough franslation:
Get me out of these bandagesl)

## FLYING SHARK

$T$ his must surely be the greatest game my +2 has ever stored in its memory bank! It's the ultimate in shoot-'em-ups! It's fast, difficult and has

THIT HORRTBLF TRUTH - WHAT SU RFADFRS RFATMY IOOK LIK쿠!
brilliantly detailed graphics. Make sure your joystick is properly plugged in, because it's going to be in for a beating This mega-brill game should have got a least a triple Classic. Forget the others and find eight quid now, and if you haven't got the money, stand in Tesco's window advertising fishfingers for the cash for the cash - it'll be well worth itl!
Matthew Fletcher
Herts
Putting his fiver towards: Super Hang On

## MASK II

This is utter trash, find me a hammer, Im going to bash my brains in. This game is so bad it makes The Great Space Race look good. That Tamara Howard needs her head screwing on tight, this game does not
disgusting, but I don't. If you want a really funny game, or if you just want the pleasure of covering a Yuppie in toothpaste, oil, and the suchlike, then this is the game for you.
Just a little hint here. If you don't cherish getting throttled, don't show it to your parents.
Bruce Williamsen
Shetland Is
Putting his fiver towards: The
SUPER STUNTMAN
$H^{\text {er her hey What a cool game this isi }}$ read seen it for myself a week befor there and then. I loaded it up, lept into my fab car and sped off into the desert, crashing, and blasting away at BMWs, Porsches and assorted dune buggies. I just love watching the car take off as you travel over the ramp. The explosions are just wild!
I've worked my way through six of the seven levels, but I can't quite get to that elusive finale.
Road Jameson
Cumbria
Putting his fiver towards: Predator

deserve 9 stars!|! The graphics are poor, there is no sound, I find it impossible to swallow how bad the whole thing is! Bring back The Great Space Race.
This is by no means a blemish on MASK, but if you see MASK II in the shops, steer well clear of it. Get me that hammer!
Brian Durrant
Notts
Putting his fiver towards: Gunship

- Wo game ever, in the whole werld, not oven Eqstendors ean make The Great Space Race look good so wash your mouth out.

Fvery so often - well very often actually - you write to tell us that we know nothing about anything and insist that us that we know nothing about anything and insist that
some program we trashed is actually the best game ever. Conversely you blast us for saying something is great that you absolutely loath and detest.
Enough is enough. We can't take any more, if you think you're as clever you write the đamn magazine. We mean it!
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on the latest software. Don't get mad - write the review you think the game should have received and we (subject only to space) will print it.
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Sending Of, injury Time. Penaites. Bookings - Enter your own PREMIER il Winning Tearn and MUCH MORE
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## HE'S ONLY WRITTEN THREE GAMES!

l've only written three games There was Joe Blade, Deviants and Thing. They all come out from Players in '87, apart from Thing, which was only out about a month ago.

## HE READS SUSPICIOUS MAGAZINES!

Most of my inspiration for Thing came from a combination of sci-fi movies and a magazine I used to read called Plop. It was full of extremely black humour, a little bit like the Viz, only more, er, dodgy. I got quite a lot of information and ideas from there. I also draw comics in my spare time, just as a hobby.

## HE FINISHED <br> THING REALLY REALLY <br> QUICKLY!

Thing took about eight weeks to complete from start to finish. I did all the graphics as well as the code. I guess it took about another week to do the tweaking on 128 K versions. I find that I usually finish a game in about that time. Deviants took a couple of months, but I was working on other things at the time.

## HE DOESN'T PLAY COMPUTER GAMES!

I program most of the time. I don't actually have much time to play games, but I try to get a copy of any that the magazines reckon are particularly good. I like to know what other people are doing, but I don't really let that influence what I'm working on.


## HE LIKES JET SET WILLY!

Top Five Games: 1) Jet Set Willy Projects)
2) Sabrewolf
3) Alien 8
4) Cobra
imate)
(Ultimate)
(Ocean)
5) Arkanoid
(Ocean)

## HE LIKES <br> GAMES THAT <br> TAX HIS <br> BRAIN!

I prefer games that make you think a little, rather than just killing everything. I'd quite like to have a go at writing a scrolling game, I think I worked out some quite good stuff on Thing. Generally when I'm putting a game together I get about ten different elements and combine them.


## HE'S A LAID BACK KINDA GUY!

I like to think I'm pretty laid back There's nothing particularly odd about me. I'm just a conventional programmer.

## HE EATS A LOAD OF OLD CRAP!

I love any sort of junk food. I don't tend to go out much, so I need something that's easy to cook. It's hamburgers and pizzas all the way.

## HE DOESN'T DRINK (?)

I'm a tea-totaller, in fact, so my choice of drinks is a bit slimmed down. I quite like Banana Milk. I do at least a pint of milk every day.
HE'S 20 YEARS OLD
I'm twenty years old.

HE'S
AMBIVALENT TO SUNDAY OPENING!
I suppose it's quite a good idea. I'm programming nearly all day on Sunday anyway, so it wouldn't make much difference to me.

## HE USED TO HAVE A ZX81!

I started programming, to a small degree, when I was about 17 when I got myself a ZX81. The next year I got myself a Spectrum 48K. I started programming seriously about 12-18 months ago, and then I worked up to machine code and got going on some games.

## HE'S ARTY!

If I wasn't doing what I'm doing now? Well, I think I'd like to do something like Graphic Design, I think I'm pretty arty.

## HE'S A

GOGGLE BOX ADDICT!
I watch TV all the time. My favourite program has got to be Cosby. Oh, hang on. Friday Night Live is good too. I can't handle EastEnders, though. It's awful.

## HE SLEEPS A LOT!

Whenever I'm not programming, I'm either eating or sleeping. I live around Hampshire, between Basingstoke and Reading. It's pretty quiet around there.
HE THOUGHT
HADES
NEBULA WAS
USELESS!
$\begin{aligned} & \text { Worst gemeverl ithough } \\ & \text { Hades Nebula was o bit, er, } \\ & \text { slow. }\end{aligned}$


## THOROUGHLY RIDICULOUS HEADWEAR 2 (A SEQUEL, BUT <br> DEFINITELY NOT A SERIES)

6 $\mathrm{T}_{\text {f you want to get a head, get a }}$ of funny looks, get a hat like this. Yea, You too can now, at a very reasonatio prioe (approx s9.99) get yourself any number of utterly impractical, though good-for-alarf, hats from a variety of "novelty" (for "novelty" rend orap) stores throughout the country

1) Hammerhead - (pictured) For serious zanesters only. Highly uncorfortable and diffecult to wear. Very "floppy".
Suitable for: Embarrassed Journalists and TV Presenters.
2) "Martas" - Apparently s more comfortable hat, 'though socially untcceptable. Complete with a pair of "Maria Whittakers" on top. Sultable for: Marle Whittaker, TV Presenters, Flasterers, Cretins. 3) Craphead - The ideal present for Auntie Mabel. Tasteful blue buseball eap garntahed with is generous dollop of simulated dogpooh on the peak and the word " 8 gh "thead" on the top. Marvellous. Suitable for Very oonfldent and witty people, people who don't speak English, TV Presenters, Sh "theads.
3) Elephant -Mr Foam Things guddenly mens horribly ahort of Ideas and resorte to sticking an elephan't trunk and ears on a hat. Suitable for: TV Presenters.

And if $\mathbf{4 9 . 9 9}$ sounds a bit tipricey for a bit of plastic mesh with a foam arm coming out of it, this box with lines and dots in is the thing for yow. Fill it in and gend it to $I$ Feed To Liven Up My Otherwise Boring Appearance With A Hammer Stuck To MCy Head, along with the answer to whichever guestion you prefor and any pocket money or sweets you might have going spare.

The Questions: 1) What subatomic particles found fame in the tittle of a Hawkwind LPP or
2) The Cat Sat On the ........
(What's the wordP)
Fame
Address.
$r$ think the answer to question
No.... is.

## BADGES INSTANT IMAGE

Frey dude - are you completely in Esync with your peer group? Does your Mum mlstake your mmouldering rebelliousness against the repressive chains of the bourgeois as just sulling because you had to miss Eastenders to help out with the washing-up?
Well my son, don't get mad, get labelled.
Yup, bution badges can say more about you than most charge cards ever can - and leading sociologists have found them to fall into three categories.

1) THE POP BADGE - "I Luv Rick Astley ${ }^{\prime \prime}$, (that's a quote, not a statement), and natch, if that really was the case (nurse, he's out of bed again) one would want to get together with other warped minds and discuss things like the lad's shoe size, his favourite breed of whippet, and other such interesting facets of his personality. One can also examine alien lapels for Iron Maiden, Shalcing Stevens, etc, etc, depending on the exact nature of your aural poison. There is also;
2) THE FUNNY BADGE - These contain short but sweet witticisms/ enigmatisms that you wear to amused confuse/ outrage friends enemies. Old favourites include the uncensored ver-
sion of "F $+\cdots \mathrm{K}$ OFF," to the useful for all embarrassing
occasions, "Please ignore everything Isay ... Im p***d." My current predilection however would be for, "Back by Popular Demand." Lastly there's:
3) THE POLITICAL BADGE $-\mathbf{A}$ distant relative of the Pop Badge, the Political Badge is the ideal form of direct action for the teenager with an emerging political awareness (ie one who watches Friday Night Live). Their inherent portability also allows one to experiment with different views without making any personal


## TAKE AWAY MADNESS!!

$W^{\text {hich }}$ fast food really is fast? Which can you eat on the hoof without spilling mayonnaise over innocent passers-by? We sample some samples and spew up some harsh food facts:

## Kentucky Fried Chicken

Sample meal: 2 chicken pieces ( $£ 1.45$ ), large fries (60p)
Serving time: 3 mins 02 secs Tastiness: $3 / 5$. Chicken tastes mainly of seasoning on breadcrumbs. Chips rather yellow
Dribblebility: Low. Can be eaten quite successfully on the move. NB wiping hands on serviette provided recommended. Leaves marks on trousers Size of portion: $3 / 5$ VFM: $3 / 5$

## Burger King

Sample meal: Whopper meal (£2.75), includes burger and salad in bun. fries
and


Serving time: 2 mins 25 secs Testiness: Burger $4 / 5$, chips $3 / 5$. Burger excellent and meaty. Fries rather yellow and flaccid (ooer) Dribblebility: High. Bits of lettuce all over the shop, mayonnaise all over sleeve Size of portion: $4 / 5$. Nice big bun and huge cola VFM: Pricey for a burger


SEVEN SOARA WAY SEXY SHOCKING

1Mayday - as in "Mayday, Mayday, we're all gonna dieeeeeee!" - has got zilch to do with the month. It's a corruption of "m'aidez", which is French for "help $\mathrm{me}^{\prime \prime}$ and therefore makes a lot more sense.
7 May has got two completely separate Bank Holidays! May Day is on May 2 (if it was on May 1 it would be on a Sunday, which would be a complete waste of a perfectly good holi-
day) and the Spring Bank Holiday is on May 30.
3 Mae West is not only an actress who said "Come up and see me some time," she's also a lifejacket.
4 Tuesday, May 24 is the Day 4 of Culture and Slav Script in Bulgaria. It hasn't caught on much really though.
5 Maggie May was a hit for
Rod Stewart (who he?) (He's


## Pizza Hut

Sample meal: Small Supreme Pizza, thin and crusty ( $£ 3.85$ )
Serving time: 9 mins 45 secs
Tastiness: $5 / 5$. Nice sharp tomato and smooth cheese
Dribblebility: Difficult to handle pizza wedges on the move. Lots of dangling cheese strings.
Size of portion: 4/5. Fills you up nicely
VFM: $4 / 5$. Not cheap but very tasty and filling

## Fish and chips

Sample meal: Cod and chips (£1.80)
Serving time: 2 mins 14 secs
Tastiness: $3 / 5$. Good fishy taste underneath batter. Chips rather oily though
Dribblebility: Medium. Enormous grease factor, plus fish can fall to bits if you're not careful Size of portion: 4/5. Good hunk of fish. Loads of chips
VFM: $5 / 5$

## Kebab

Sample meal: Large Doner with salad in pitta bread (£1.75)
Serving time: 3 mins 29 secs
Tastiness: 5/5. Well-seasoned meat, fresh tasting salad, Montezuma-style chilli sauce
Dribblebility: Massive. Shredded lettuce flies around like confetti, pitta bread always oozes, chilli sauce gets in hair
Size of portion: $3 / 5$. More expensive shish and steak kebbs are more filling
VFM: Cheapest of sample meals and good to eat
Egon Erskine
and Ronay Jenkins


SENSUOUS SU FACTS ABOUT MAY
a middle-aged singer who likes blondes ... GT)
6 May is famous for May (ooer). Basically you dance round the pole, or the queen, or something and it's all an ancient fetility rite, and it probably didn't work very well, and it looks a bit wet and weedy these days.
7 The next month after May is
June (even in Leap Year ...)

8 Tony "Goggley" Dillon was 0 dragged, screaming and kicking this month into his 16th year. "Never again" he blubbed emotionally.
(OK, so there are eight facts about May but a: Tony's birthday isn't that interesting and b : how many superlatives starting with $E$ can you think of apart from Extraordinarily elephantine? - J.D.)
even though they stand only five inches high.
For a laugh, try Tomy's Mr D.J. This AM/FM radio has a telescoplc aerial, and his body rocks, and his eyes and mouth move in time to the music. In fact he's more entertaining than Simon Bates flet's face it. what isn't?] but not a lot cheaper at E15.
My personal favourites? Godaikin fighting robots from Japan. Based again on comic characters with names like Gal-Kin and Dha-Gards, they're tiny, beautifully made and horrifically expensive. Check out your local comic or model shop. If you dare.

## EXTERMINATE! EXTERMINATE!

Considering that the only real Crobots you'll meet are painting car components or stumbling over geometric blocks in unlversity establishments, It's odd that the shops seem to be full of clanking mechanical monstrosities owing more than a fittle to 1950's selencefiction films.
More innovative toys from Tomy include Chatbot. At around £35, this 9 tall radio-controlled marvel has a built-in speech symthesiser with several preset phrases, and can carry a serving tray. The deluxe version, the $£ 140$ Omnibot, has a digital clock/alarm, a cassette player, a 7 -day tlmer, and a loudspeaker which recelves signals from a microphone built into the handset. There are hundreds of Transformertype robot toys which turn into wheelbarrows, foodmixers, missiles and armchairs.
Far more stylish if you ask me are the Lost in Space and Forbidden Planet robot replicas, Imported from Japan. Lovingly detailed miniatures of the famous TV and film androids, they cost a hefty $£ 10$.

There was a nasty fight in the chip thop last night. Trro of my mates got bat-
tered.

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# $X U R O$ <br> ， <br> WAS <br> <br> 很圤 <br> <br> 很圤 it＇s A it＇s A MOUSE！ 

 MOUSE！}


7

# DO you print a rout SET AT A SPECIFIED POIN 

Asks Simon Bennett of Wolverhampton.
The procedure is simple once you get to know what's going on. First of all call the routine at 5633 (1601 in hex) with register a set to the stream number of the output device that you wish to use. Normally you won't need to do this when writing to the screen, because the Spectrum will already be set to write to the screen (as opposed to microdrive or printer or whatever) but it is as well to do so just in case. The stream

Table 2. A routine to print the letter " $A$ " at the top left hand corner of the Spectrum screen

| Decimal | Assembly Code | Comment |
| :---: | :---: | :---: |
| 622 | $1 \mathrm{da}, 2$ | Select the screen |
| 205122 | call 1601h | output screen |
|  |  | routine to do it. |
| 624 | 1 d b, 18h | Select the top row, |
| 1433 | 1d c, 21 h | select the left hand |
| 20521713 | call Odd9h | column |
|  |  | and call the |
| 6265 | $1 \mathrm{da}, 41 \mathrm{~h}$ | routine to do it. |
| 215 | rst 10 h | Load a with the |
|  | rst | and call the |
| 201 | ret | routine to print it |
|  |  | Bye-Bye |

number for the screen is 2 .
Next, you can use the routine at 3545 (ODD9 in hex) to set the screen row and column positions at which printing is to occur. To do this load the B register with the screen row counting from the bottom (so that the top row is number 24) and the $C$ register with the screen column, starting with column 2 being at the extreme right (so that the extreme left column is number 33). Yes, I know it would make more sense to start at the top left hand corner and label it row 0 ,

## ... DO INCENTIVE GET SO MUCH MEMORY OUT OF THE SPECTRUM WITH DRILLER?

Asks Peter Beadsmore of Isle- thought, and grabbed the worth. Great question, I 'phone for a word with lan Table 1. The Memory Map. The stack pointer, sp is not held in Ram but in the sp register in the Z80A micro-processor.
Starting Address Contents or Systems Variable Name 16384 22528 23296 23552 23734
CHANS
PROG
VARS
E LINE
23631
23635
23627
23641
23649
23651
23653

23730
23675
23732

Memory

Display file Attributes Printer buffer System variables Micro-drive map Channel information Basic program Variables
Com-mand/line being edited Data being INPUT Calcula-tor stack Spare
Machine stack and GOSUB stack User machine code routines User defined graphics End of RAM

Andrew of Incentive. Sorry not here, they said, he's out collecting awards. Millions of years later I tracked him down and it was true. Anyway, he kindly passed on these little tips.
There's nothing magical in what they do; they just dig into every spare corner. Take a look at the Memory Map Table 1. You'll notice that the printer buffer starts at address 23296 and goes onto address 23551. This printer buffer is completely redundant unless you use the original Sinclair printer or something like the Alphacom printer. This is something that very few people do these days now that the RS232 is available through the Interface 1, or directly on the $128+2$. There is therefore a juicy 256 bytes of memory sitting in the printer buffer totally unused and you will often find an extra bit of code tucked away in there in a commercial program.
Similarly, the user defined graphics area at the top of memory which occupies 768
bytes when the machine is switched on is often collapsed to nothing by programmers, simply by changing the value in the UDG System variable which is held at address 23675. Hence, just by using these two areas, the printer buffer and the user defined graphics area you can obtain another 1 K of space for your program.
If you are really desperate you can use the display file. Obviously you have to be a bit careful how you go about it but the principle is to set the Paper and Ink colours to the same value over part of the screen, and then that part of the screen oppears blue, black, white or whatever, no matter what data or code is stored in the equivalent part of the display file.
One final trick which is often used in programs released commercially, (although it is very dangerous while you are actually developing the program) is to overwrite all or part of the system variables area

Table 3. A Spectrum program to PRINT the characters with codes in the range 32 to 255 inclusive. Note that when a register contains 255, the effect of the inc a instruction is the same as subtracting 255 , ie a subsequently contains zero. Decimal

Assembly Code
6232
245
215
241
60
32250

which lies between address 23552 and 23733. The majority of the system variables area is used to store the numbers which control the way Basic operates. Obviously, if you have a program which is completely Machine Code then most of those sytstem variables are unused. Of course, if something goes wrong with your program then you have very little chance of escaping to Basic and regaining control. However, as always you cannot do any harm to your machine by playing around by memory in this way, the worst that can happen is that the machine will crash.

Comment
Load the a register with 32
Save a on the stack
PRINT the character Retrieve a from the stack Increment the a register Jump to PRINT next character Return when a reaches zero

Moans Johri Stephens. Under the bonnet of the average arcade machine there are a lot of extra chips and bits and pieces all dedicated to creating, apparently effortlessly, all the clever sound and graphic effects that you see. When it comes down to it the Spectrum simply can't compete. Unfortunately, the average arcade machine costs a lot more money than the average ZX Spectrum, so we have to make do as best we can.
The particular colour problem for the ZX Spectrum is that it does not have a true high resolution colour screen, despite the colourful appearance of the average display. Instead it has a monochrome (ie two colour) high resolution bitmapped main display with a low resolution eight colour filter superimposed. The monochrome display is controlled by the contents of the
column 0 but I didn't write the Spectrum ROM routines so don't blame me. If this sort of thing really upsets you, why not write a little routine as a front end which alters the B and C registers from what makes sense to what is required, and then calls the ROM routine.

Put the code of the required
character into the register and call RST 16 ( 10 in hex). Easy isn't it? The routine in table 2 prints the letter $A$ at the top left of the screen. The routine in table 3 prints all the characters with codes lying between 32 and 255 . Both of these routines can be loaded using the simple loader in table 4.

Table 4. A simple decimal loader for POKEing decimal numbers into the Spectrum printer buffer. To half the program enter STOP (Symbol Shaft A). 10

FORI $=23296$
TO 23551
20
INPUT J
30
POKE I, J
40
50
PRINT I, J
NEXT I

## DOES COLOUR CLASH COME ABOUT?

display file, which occupies addresses 16348 to 22527. The setting of each bit in the display file controls the setting of one pixel on the screen. This is what is meant by the phrase bit-mapped - each bit is mapped to a particular pixel.

Bits are grouped together in eights to form a byte so that POKEing a value into a particular byte will effect the setting on eight pixels. For example the Basic instruction

POKE 16384, 255
will set the first eight pixels at the top left hand corner of the screen to black. Try POKEing to see what effects occur. You will see that the screen area occupied by a single pixel is very small - about the size of a pinhead. This is what is meant by the phrase high resolution.

The low resolution colour filter is controlled by the attributes file which occupies addresses 22528 to 23295.

Have a go at POKEing numbers into this area. You will observe that you can only alter complete character squares in one go. This is what is meant by the phrase low resolution. As you experiment, you will see that you can only obtain at most two different colours on each character square perhaps a white INK on a blue PAPER, or a black INK on a red PAPER.
This is the essence of the Spectrum colour clash problem. You can have a lot of fine detail in a picture or graphic but as soon as you try to colour it in you discover that the low resolution colour filter makes it difficult to creat the effects you want. The problem is particularly noticeable in computer games because these typically involve moving small, highly coloured objects around the screen.

#  

Afew weeks ago I bought o Mulififace 1 for my Spectrum + , only to find that it didn't work. As the Multiface works on a friend's Speccy, it must be the expansion bus that's done for. Can you provide any help or cure the problem?
Alan Crowe
Bridge of Don
Aberdeen

- I wouldn't expect the expansion bus to be knackered it it looks OK to the inquisitive eye. There's a slight chance that there's a break in the tracking to the
rectangular silver pads on the edge; if you examine the slof with a magnifying glass in a strong light you can confirm or deny this. Fine breaks can be bridged with a litfle solder or conductive paint.
A far more likely candidate for party pooper is the poor old Z80, which can go wrong in many mysterious ways that don't affect games or other programs, but confuse the Multiface something rotten. A trip to the local repair merchants sounds in order, alas.
have a +3 and a Centronics GLP-6 printer. I've got the right printer lead (as recommended in the manual), but nothing works. Can you help?
I previously had a Spectrum + and Interface 1 and ran the same printer in the RS232 mode. It worked OK then.
David Lewis
Oliver's Battery
Winchester
- In the photocopy of the printer manual you kindly enclosed (hint hint, readers) switch one is not important, and switch two should be ON OFF ON ON ON OFF ON OFF. Make sure you disconnect the serial printer lead completely before trying to use the printer. If nothing at all happens, then suspect the Spectrum. If you have a friend with a CPC (well, someone's got to be friends with them), then youll be able to plug the same printer lead and printer into that to test them.
Amstrad DMP2000 printer occasionally linefeeds about ten lines instead of one, leaving large blank spaces on the paper. This is most frustrating, not to mention a waste of paper.
The printer is used with a Spectrum +2 , Tasman B interface and Tasword Plus Two word processor.
Terence R Ball
Accrington
Lancs
- What's hoppening is that every so offen the printer thinks it's finished a pageful of information and prints ten blank lines to skip the fold in the paper which you find in fanfold computer stationery. To prevent this wholesale wasting of fine Swedish pulp youll need to set the 'Skip Perforation' switch to OFF, or send ESC O (that's CHRS 27 and "O") to the printer before commencing printing.

I'VEecently received a being a bit of a pain. It seems to be choosy about what software it wants to run. Some games will load and run perfectly, some will load and crash at their leisure, while some won't even load. The games that crash differ in where they crash, according to the tifle. Also, some games jammed in the cassette deck and couldn't be loaded, but I cured that by pressing down on the door while pressing Play.
Can these problems be solved, or do I have to return to my trusty 48 K Spectrum? Julian Smith
Potterne
Devizes

- A number of things could be amiss here, Mr Smith. The problem with the cassette door might seem to go away when you press down, but the misaligned plastic is probably pulling the tape out of line with the tape head. Different tapes will then load or not load almost at random.
And you're not trying to load stuff with the Tape Loader, are you? Only 128 K games are guaranteed to work like that; your 48 K collection would be better served by going into 48K BASIC first and typing LOAD ${ }^{\prime \prime \prime \prime}$ in the tradifional manner.
Some games just don't work on the +2 , but few. I'd take the +2 back and get the tape door fixed.
$\left\lvert\, \begin{aligned} & \text { recently purchased a Man- } \\ & \text { nesman Tally dot matrix prin- }\end{aligned}\right.$ I nesman Tally dot matrix prin-
ter and a Ramprint interface, I also have Artist II. So far I haven't been able to print anything. Can you help? Michael Docherty Glasgow - Not much to go on. Assuming you've tried any printer self-tests (if you hold down either the line of form feed buffons when you turn on, most printers go into a frenzy and churn out pages of characters) and also assuming that the Ramprint interface is working, then the number one suspect has to be the printer lead. Check the cable hasn't pulled away from the plugs at the end, and make sure it's firmly pushed into the printer.

WITH ${ }_{o n}^{\text {min }}$, 32 printer, I am having difficulty accessing the printer in $128 \mathrm{~K}+$ 3 mode, although it works in the 48 K mode. It will not fit the port marked 'Printer' so I have connected it in the Expansion I/ O port. How do I make it work? Gareth Pitchford
Ellesmere Port South Wirral

- Sadly, you don't. The Alphacom 32 (like the Timex 2040 and the ZX Printer) is designed to fit into the Expansion I/O slot, but the area of computer memory that is usually devoted to driving the printer is used for something else in +3 mode, so there is no chance of running the printer in anything but $48 K$ mode.


## RECENTLY=:

 rodrives and an Interface 1 for my + 2. Is there any way to copy my collection of $\mathbf{1 0 0}$ games from tape on to the drives? James Leitch Hawthorn Drive Ipswich- Lots of ways to do this. The simplest is to go out and buy a Multiface, which does all the hard work. All you do is press a button. You can also, for less expense, buy various programs (advertised in the bock of SUV) which perform a similar function, but with more bother and fuss.
What you can't in general do is just Lood a game and Save it on to Microdrive. Sad, but a fact of life.


BEAT THE SYSTEM . . . Now for the crew of FIREFLY there is no home - just a desperate mission to eliminate the mechanoid army which has colonised the solar system.

## REVIEW

Pete Cooke hasn't had much of a time with really. Micronaut 1, whilst a joily woinderful game, disappeared about the same time Nexus did. Now we have Earthlight probably the closest thing to a straight zap-em-up Pete has ever done.

It isn't just a shooty-shooty of course. For one thing it's pretty enormous, with lots of different zones and levels. For another, there are quite a few different strategies you can use to win blasting things to bits being one of the more useful ones.

The plot is all about disabling transmitters to switch off a force field which witl enable Slaatn (an everyday sort of alien) to escape to freedom. Forget all that stuff and imagine this instead. You've got this wizzy space craft, you have to pick up these sugar cubes, and all these other aliens try to blast you into little pieces. Some aliens can be destroyed by one blast from your photon cannon, others, particularly the nasty quick darty little ones, take two or more.

There are several levels and each is divided into nine zones. In each zone there are a number of transmitters (sugar cubes) and a number of aliens. Before entering each level you can adjust ship control levels which represent Shield Power, Energy and Missiles. The problem is that if you have a lot of one item you don't get so much of another.

What strategy there is involves getting to know the levels and judging what kind of balance of defences, time and firepower you need. For example, one level is very small (if you figure out what to do


PROGRAMMERS
Pete Cooke has concentrated on sophisticated arcade games most
recently and has produced a number of highly acclaimed tilles. Invincible Island (Richard Shepherd), Urban Upstart (Richard Shepherch), Inferno (Richard Shepherd), Ski Star 2000 'Richatd Shepherd, Juggernaut (CRL), Tau Ceti (CRL), Room Ten (CRL), Academy (CRL), Micronaut 1 (Nexu


SECRET CLUE) but chock full of horrible aliens, therefore you need lotsa missiles and lotsa defences but not so much energy.

Graphically the game reminds me of a sort of edge-on Uridium or Ballblazer. The planet surface is a grid drawn in perspective littered with craters. The actual ships are drawn using a variety of different sprite sizes - by flipping ultrafast between these sprites the illusion of the ship moving 'into the distance' or 'out of the screen ' is nicely achieved.

There isn't that much to see in the game - later levels have different aliens, but the essential landscape remains the same, or at least similar. But it's

PETE COOKE'S PLA to the ground you don't get a

fast and pretty slick controlling the spaceship feels quite a bit like the hurtling around in the Uridium battlecruiser. It's easy to go very fast but it's also get pretty difficult to stop, and you usually end up smashed into a passing tree. (These are tall trees on this moon). The explosions are greatl Though as often as not, once your ship has plummeted

## PETE COOKE'S PLAYING TIPS

- When you first enter probably the easies
and work out how enter a zone just look around pick up - how many sugar cubes there are to level and reset your ship's etc - then quit the - Don't be afraid of abis configuration possible to get completely stuck so zone - it is - Don't waste bullets - in som so you can't win have barely enough to complete the cases you wilt ing aliens are not so bad if youte the level. Homat some point they will be you keep your cool you, BLAST 'EM. Far more dan exact line with randomly moving aliens DON'T IET THESE the BEHIND YOU!!



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| $6.95,+3$ Sports $£ 6.95,+3$ Biker | Arcade El6.95, +3 5ports E .95 , Black Lamp 19.09 , Rolting Thunder E9.09, California Games $£ 9.09,4$ Hewson Hits 69.09 , Tetris 69.09 , Sentinal $59.09,5$ Star Vol 3 E10.49, Elite Collection C10.49, Best of Elite Vol 1 C10.49, Solid Goid E10.49,

Side Arms $\mathrm{f9} 09$, Driler 12.59 , Gary Lineker Side Arms 59.09 , Driller E12.59, Gary Lineker
[9.09.
 WE ARE ON PRESTEL
 scene's days are numbered. I spit on you and I spit in your gravy. I agree with you that in some areas, maybe there aren't as many technical
breakthroughs as there were before, especially in the arcade games market, but remember that small though they are, they are still there to be seen.
In the adventure area, however, the breakthroughs are coming thick and fast now, as finally, as Sir Clive expected, the full power of the 128 K machines is being utilised. To show you what I mean, let's jog gently backward through our mind to a time when Bug Byte released good games and Jim Douglas had a parting like mine. The hot adventures at that time were those written by Melbourne House. Titles such as Sherlock and The Hobbit filled the charts and even now, people are still stuck in the goblin's dungeon.

Then a group of

## FAXBOX

the best adventure ever released bar none and if it doesn't do amazingly well, then I'm a frog's
armpit
IINXTER
Label: Rainbird
Author: Magnetic Scrolls Price: $£ 15.95$
Memory: 128K (+3 only)
loystick: none
.................................. Reviewer: ...... ona illorn
"丸
programmers who called themselves Level 9 wrote some very good and very successful adventures with improved 128 K versions.
Finally, Magnetic Scrolls released what was to be (I think) the future of adventures, The Pawn. It boasted a very big vocabulary and probably the most intelligent parser ever seen on the Spectrum. Sadly, the game was 128 K only.
It was followed by Guild of Thieves, which contained more of the same, plus one bonus. Freebies. The large Americanstyle packaging contained all kinds of goodies related to the game such as a GOT credit card and a magazine and such stuff. And now there's Jinxter, a massive improvement, if that is possible, over the previous two games and even better freebies, but more on those later.


So, wotcha gotta do then? Well, as the game says, you various segments of a bracelet which will put an end to the reign of the witches. The witches are draining away everyone's luck and good fortune, which the bracelet, if completed, will restore. Not much of a storyline, but wow, what an adventure.

You want to know why this game appeals to me so much? The Pawn was good because of its style of writing and its unusual situations. Jinxter is even better because of its very funny script and the everday situations, such as riding on a bus, and you end up identifying more with the game's character. Now I know it still may not sound much of an adventure, but just sit back and listen, and I'll enlighten you further.

ADVENTURE


REVIEW

The game is very funny. Text only, and there is a lot of it, it's never boring and even if you find some episodes slightly tedious, you can do anything you want to enlighten the moment. For the first time ever, you have complete control over the objects. The programmers have included heaps of extraneous information about all the game objects, and the parser will respond sensibly helpfully, even if you try to use the objects in ways the programmers haven't allowed for, which makes Jinxter infinitely less frustrating than most adventures.

The atmosphere in the game is rich, but never heavy, and stereotypes abound. Ring the bell on the bus twice to see what the driver says and you will see what I mean. Also, there is a high amount of human physical interaction. At stages in the game, you will be asked to do something with one of the freebies. Now, no oo-ering, you are only asked to do things relevant to the game. But more on the freebies.

MS has really done itself proud here. Freebies include beer mats and newspapers, not to mention a very grubby staff memo. All look very authentic and very helpful in places. Jinxter gets full marks for presentation, style, wit and fun. One that will keep you up late at night and probably make you miss Neighbours as well
have to find the bits of the wossname and put them together so that the thingumebobs - don't carry on wossnameing. Why the use of wossnawossaname?
Apparently, everyone in the world of Aquitania is amazingly absent-minded and they keep forgetting things like where they left their cheese sandwiches. If you haven't guessed, everyone eats cheese sandwiches as well, which you find if you read the free newspaper which accompanies the game.

To translate the first sentence into English, you have to find



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Game Chart

## $T$ rusha is a very silly

- game indeed, but has the distinction of being the only arcade game that my Mum has ever played.

No fab graphics or sound here, instead you have a foam hammer with which you bash very silly looking Pacman type choracters as they pop up from their holes - which they do in a thoroughly random and annoying manner.
You are up against a time

and become harder to hit. In fact, grown men can be seen, at the end of the session flailing away maniacally, hairpiece askew, saliva dripping from the corner of their mouths, in an attempt to beat their son's high score.

Simple, massively addictive,
Krusha is going to be a winner at the seaside arcades this summer.

Shooting games have always been popular toke Turkey Shoot for example - but Operation Wolf is going to be the most successtul of the lot this


This month, more info and tips on the hot coin-ops that'll be finding their way on to the Spectrum by the end of the year (or at least this decade). Plus, more than that, the low-down

## Operation Wolf

[^2]
on twelve thousand grands worth of kit that almost certainly won't appear unless Alan Sugar acquires an even odder sense of humour, plus why it's cool to play pins again.
you. There's no alternative you must blow them away with all speed. (It's a terrible job, but someone's got to do itl. Unfortunately, the occasional hostage also makes an appearance (small boys, nurses, Page Three girls - but wot, no nuns?) and if you hit them, your damage meter

tokes a big jump up.
What makes Wolf so fabby however, is the size of the sprites. You are not blowing awoy little 8 by 16 pixel tiny Communists. They are real, life size moustachioed loony leffers and what's more, they hurt. Writhing in agony as the bullets of justice tear through soft yielding flesh (ugh-ick). Bad luck you're out-numbered though - they come on wave by wave - and a pity that your ammo is (theoretically) limited, but for the pure undiluted thrill of the kill, Wolf is unmatched


5nere can be no denying it Pinball is back - flashier, zappier and more hip. than it ever was. Not that it really ever went away, but the design of these games seemed to lose way over the last four years, with Pin Table makers tiying to compete with the growing complexity of video games. More often or not, tobles would be so complex as to be incomprehensible unplayable, and therefore lossmakers for arcades.
Now however, there seems to be a new sput of great fables; much easier to understand, rewarding skillfut play, and sound FX that would blow your ears off. Best of the bunch this month is Bally Midway's:

## Escape from

## the Lost

 World//Can you Escape?z" booms the machine above the cacophony of tiger roars, cacophony of tiger roars,
ungle drums and hyenid call
Wowll
The table plays like a dreaf. The table plays like a dreay
with good use of split leye There is a mega bonus shy
which you drop the thres which you drop the thref
cenire targets down.ad the ball down the centre if or up the left ramp, flip the ball across a bridge with the left
hand upper flipper on to the right hand upper flipper, and hike it over a hump into a cave movit. Then the machine blows up.

This shot sounds difficult, but after a few games, you realise it really can be done, and the first time you complete it there's a great sense of achievement - probably not ontile having iust finisted writing a significant 201h century novel.
Escape from the Lost World is fun and - oy of joy - there seem to be a lot of machines around with 5 Ball play

Finally this month, the Orbital Defence Simulator from Symonicas tid in Norwich - the ulimate in sitin experiences. Originally developed under a government gront ofs a fight simutator, it was on show at the recent. Blockpool Amusement Trade Exhibition. You walk into this one: and get spui leftright and are tiled up/down as you play the game. The unit zooms

around of greal speed, and is fob ..t only they haverit golo very good game for if yel. At present, they re using an old zap c1986 from Cinematronics Inc called Danger Zone as a demo of what the unit can do - and i's crap, Greater things are on the way though and expect to see the ODS a certain showpiece orcades in the future.
Next month - more pins . . . and just when you thought it was safe to go back into the Bath Chair, Cybertank!!!!!!

combat situations in which you find yourself. The gameplay itself is far from complex. You guide a sight around the soreen, and can ftre rounds from your machine gun with one button or rocket grenades with another. The only degree of finesse, expertise or skill comes when trying not to kneecap hostages as they flee from their dribbly-mad captors.

Wolf isn't a game involving a whole lot of diplomacy. Ifterally hundreds of screaming, moustachioed nuts run, Jump, stumble, fall and parachute on to the screen, firing their filthy commie rifles at you. In a spate of crazed


Mat-Top Bad Guy - Wearing body armour and carrying an wsa machine gun. You can only kill htm by shooting him in the face (Tee hee)
machine-gun annihilation unparalleled in any game I've seen you just squeeze the trigger and wave the sight left and right blowing everyone away.
It's an impossible conversion. It just can't be done on the Spectrum. The graphics are too big, there's too many of them and there's just no way you could malce a half-way decent version for a home computer. While this is perfectily obvious to poor saps like you and me, it appears that nobody's told Ocean, who have created a working preproduction version that's quite honestiy incredible. It's roughly the same principle which says that the bumble bee can only fly 'cos it doesn't know that the rules of aeronautios say it shouldn't be able to. Ocean continually takes on ridiculous tasks and pulls them off, simply because it doesn't realise how difficult they are.

Everything moves along as quicicly as the arcade game, and all the stages are there too, with vast numbers of bad guys appearing on the screen at the same time. There's no loss of speed no matter how much is going on at once.

Believe me, Operation Wolf is going to be so hot it'll burn your fingers. Don't miss it.

Streetdate: June.
Price: \$7.98

## HERCULES

Tfyou lurv those Dynamation Lfilms in which goldenthewed heroes fight with living skeletons, harpies, centaurs and dragons (all courtesy of special effects man Ray Harryhausen), then you'll probably like Hercules - Slayer of the


Damned. Just why hero Herc wants to slay the damned, who have enough to be miserable about already, we don't know, but it's probably something to do with the twelve tasks he has to complete in order to please the Gods.

This multi-screen arcade adventure takes place in scenes including ancient Greek temples and burning hells, and Herc has to fight sundry mons-
ters in his quest for forgiveness (oh yeah - he chopped up his kiddies while they were asleep, a bit off even in ancient times). Gremlin say you'll have to be "herioc" (I think they mean "heroic" to complete the quest.

It's all Greek to us, hur hur, but the game looks spiffy and it's going to be on disc too. Streetdate: May. Price: $£ 9.99 / £ 12.99$

## BMX NINJA

BMX Ninja, explains Alternative Software's press release, in a manner rather too brash for my liking, is, "The ultimate BMX contest."
If ultimate means last, then personally I'll be none too upset. I've had quite enough of being forced to put on big yellow pads and a plastic hat that catches in your hair and really hurts when you try and pull it off.

Still, at least this one has got a twist of some description. Apparently you have to glide aorund the place, clocking people under the chin with your front wheel and trying to graze their shins with your

pedals.
It all sounds frightfully unpleasant, but will probably sell triltions.
Streetdate: May.
Price: $\$ 1.99$


## 昰 <br> 

## IMPOSSIBLE MISSION 2

It's two years (apparently) since Elvin Atombender sneaked off into the distance following his defeat at the end of Impossible Mission. Now, from Epyx, comes the return of Elvin Atombender and a new game by the surprising titie of Impossible Mission II.
The plan is simply to snuff old Elvin and rescue the world and make it a safer place in which to live. S'is a piece of easy peasy innit Peeps?
Along the way there are going to be all sorts of things to collect like keys and num bers and clues and special sweeties and oggy pops (oh. sorry, that's Trapdoor II, isn't it, sorry) and I get the feeling that what we're really talking about here is an arcade adventure game with more than a hint of strategy. Am I right, or am I right people?
Epyx have provided us with

## DIAMOND

 Inderdog underdog. underdog. It's all the same these days. isn't it? I long for the chance to be a goose-stepping pea-brained dictator. ordering millions of troops all over the galaxy to smash puny yet heroic rebel fighters into itsy bitsy bits. I'm sick to death of all this stiff-upper lip rubbish.Diamond, from Destiny Soft ware, is a particularly bad example of this sort of offender. There you are, a helpless little security robot stuck on a spaceship full of nasty. nasty criminals, having to potter around and seal up all the corroded holes which keep appearing in

the hull of the ship so the nasty nasty men don't escape.

And that's just about all the information we've got, so look at the screenshots and go, "ooo," in the meantime

Streetdate: May
Price: 88.95

three screenshots, none of which looks much cop, since all they show are a load of old boxes in pukey magenta and a nasty flickery little sprite man (presumably yourself) and not a sign of Atombender anywhere. The whole thing looks quite ghastly so far, but I'm sure that they can, 'fix it in the
mix' as Chris Jenkins always says, so I'm not passing judgement before l've seen the whole game, at all, am I?

Watch out for robots, guards, mines, trapdoors, Berks and elevators. Sounds simply spiffing.

Streetdate: May.
Price: モ8. 99

OK. OK. I know it's another karate game, but please bear with me. This one is called Shanghai Karate and it's from Players. Nothing too astonishing so far, I know. Well, just to tickle your taste-buds a bit, it's been written, in part at least, by Colin Swinbourne, the man behind Thing (last issue) and this month's girlie interview subject (page 65).
Players are promising all number of interesting features, liike digitised 128K sound and other twiddley bits like animated backdrops. The pics make the whole thing far more interesting, but whether they've managed in any way to beat oldies like Way of the Exploding Fist, or newcomers like Street Fighter remains to be seen.

Paying closer attention, I reckon the characters look a little on the portly side. It's all very well being a masterful fighting machine, but if you
 awe gave you the latest hot poop on Mickey Mouse The Computer Game.

An awful lot of Nastiness has taken over Disneyland, the rotten old Ogre King has stolen the Magic Wand of Niceness and everything has gone dark and, well Nasty really. Not only has he whipped the wand, but he's also split it into 4 bits and given one piece apiece (Uuuh? GT) to 4 Nasty witches up 4 Nasty towers, and it's up to Mickey to go and sort things out, and make sDisneyland Nice again.

Armed only with a water pistol (full of magic Nice wa-


## SHANGHAI KARATE


can't even keep your waistline below $40^{\circ}$, you're not going to be anyone's idea of a bit rough (so Tamara keeps telling me), Looks fab, though a trifle overweight. Streetdate: June.
Price: £1.99


## MOUSE

ter) and a hammer (full of, well full of Nice metal I suppose) Mickey has to go into each tower one by one to bash the ghosts and shoot the ghoulies (ouch) and generally clean up things. As he climbs higher and higher within the tower, he must shut off all the doors. This can only be done by entering the door and winning the sub game that lies within. Some of these are like upside down Space Invaders, some simplc Platforms and Ladders. There will be four sub games in all, and they'll be rotated, so the games don't end up in the same towers. Further up the tower (right at the top to be exact) Mickey will encounter one of the witches, and then will have to grapple her and remove the piece of Nicewand which she holds. Four witches grappled and the wand it Mickey's. Once he's got the wand, he must defeat the nasty Ogre King himself, and he's won the game and everything will go back to being absolutely scrummy again.

Bleeurghwooaraghthththtghhll! I'm sorry, That was me being thoroughly sick all over my demo copy of Mickey



Mouse. How completely vomitinducing and sweet and lovely. All that twaddle with magic water and hammers, and d'you know what it's for? It's all because Mickey Mouse can't be seen to kill anything. What a load of cob-

blers. How much damage does your average hammer do to someone when applied with great force to their head, eh Gremlin? Answer me that one?
But I digress. Despite all the saccharine and goo, Mickey looks very good so far. We've seen him up and running around the screen (ya boo sucks, you haven't) and he's a very faithful representation of his cartoon counterpart. (Try saying that when you're wearing your Aunt Edna's teeth). So look forward to a high pitched roadent on a Spectrum near you some time around Joone.

Streetdate: June.
Price: £7.95

Now here's a thing. Well, And it's a picture actually And it's a picture of? Yes. It's Activision's Gee Bee Air Rally. It's a reworking of the roister doistel air races that wealthy divs used to hold back in the 30's just when flying was becoming fast and fashionable.


The idea of the game is to participate in twenty stages of airborme speeding chasing computer controlled opponents around markers and performing
stunts too. stunts too.
Looks fab,
Streetdate: June.
Price: $£ 7.99$

I indicator? What sort of a nancy boy woeful sort of name is that for a game? Well hold your horses, you mince-tarts, 'cos it's Green Beret II in disguise! Ocean seem to have found a loophole of some sort in their licence arrangement that hasn't really been exploited before. Although there were no coin-ops of either Green Beret II or Renegade II, they seem to he allowed to churn out sequels using the originals' names without any worries.
Vindicator starts off with a flying sequence, with you - shown in plan view - in a US bomber, flying over enemy terrain, taking out hostile elements of the geography - barbed wire fences, mines, tanks etc.
And you'd better make sure that you take out the majority of the tricky stuff before the end of the level because all of a sudden, already, ka-pouf! you're back going over the same area but on the ground in a jeep. You can swing it around left and right, accelerate and decelerate and shoot too.

It's all pretty incredible. The jeep has got 16 angles of direction, and It handles beautifully - you really get the impression of slipping around in the mud on the poorly constructed roads.

Crashing through the barbed wire coils is definitely not-on, as serious punctures will ensue, and your steering will become more difficult than trying to nosedive into a thimbleful of custard.

## VINDICATOR



Graphically it's shaping up into a bit of a corker, and the gameplay, involving racing along raitway lines, crashing over wooden fences, blowing up tanks and - if you're not careful - plunging down enless chasms, looks pretty good too.

Streetdate: May.
Price: £7.95


## MINIPUTT

I've only ever played craxy golf once. And it wasn't particulariy craxy. It was bloody cold. Southend Seafront was the venue and my hands got so cold I couldn't pick up any small objects for hours and

hours. Just as well I went to the loo before I went out. So. When Electronic Arts sent us this photo of their up and coming Mini-Putt and a press release explaining that it contained all the whacky zany elements of the outdoor version, except the freexing weather, I though that it sounded like a good idea.

Windows all over the place in this one - plan view, golfer's eye views, ball's eye view. You can aim the direction of the ball and control how hard to whack it
I wonder if anyone will be able to get it through those impossible
windmill things?

Streetdate: June.
Price: £8.95


HCER-BOSH! Take that! More screens from Target Renegade. An interesting point which has now emerged (well, we forgot to tell you last month) is that you can team up with either a baddie or the computer and take on the bad guys.
So if you're getting your, er, self mangled by a 6 ' 2 hooker, your ally should be able to

come to the rescue. You can also pick up the weapons that the bad guys drop. In the pool hall, a particularly satisfying offect can be had by smashing a cue across the forehead of one of Mr Hig g 's body tuards. Wallop. Review next month. And I didn't even have my fingers orossed!
Streetdate: May.
Price: 27.95


## $1 \mathrm{P}: 00400$ 10 $\frac{1}{2} \mathrm{P}$ <br> 2Pı!

2P:000000

what game it is before we tell you next month, Tamara will give you a big kiss down the phone (No I won't - T.H.) all right, I'll give you a big kiss down the phone, which I'm sure is equally appealing.

## $\square$

 NBW software companies seem to be growing on trees these days. A lad can't so much as take a bit of shade under his favourite sycamore any more without a stinky great conglomerate falling on his head. Especially Budget ones. Take Zeppelin Games for example. One minute everyone thought that a Zeppeliln was a big silver sausage that goes chus chug ohug b00000000000000ml and the next people come up to you in the street and say "Hello, have you seen Frontifine and Sabotage from Zeppelin? They're great Sabotage is a fab shoot-out in space that's really addictive. and Fronttine is a sort of Wartime shoot-out in Wild West style, and they look like matohing Players quality.RBBIVIVIV

## IAI 1 Ilo Baldy'" Just for vour own <br> personal

reference, this is absolutely not the way in which to address the superhero Karnov. Not if you value your limbs and your ears, that's for sure.

Bald he may be, but there's no stopping the fat little Rusky in the snazzy red jim-jams. (No, no, get off my ears) H Breathing fire all over the myriad of monsters which come his way, he's truly a force to be reckoned with. And he's a coin-op
onversion.
Perhaps you've not heard of

the coin-op itself. But just for reference the Speccy version is very close and very good.

It's not just that the Spectrum gameplay foltows the original so closely that it's treading on its toes. But the graphics are absolutely marvellous. Colour is used lavishly throughout, and not once did we see an icky splurge. How? Well, Electric Dreams' programmers have employed the same technique used by Mike Singleton in Dark Sceptre, using a 'mask' to separate each sprite from the background. So, as even you daft lot can tell, merely by looking at the screenshots on this page, everything looks extremely pretty
Enough of the prettiness,

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SAME DAY DESPATCH



## CAUSE CORNER

As you may have read elsewhere in this issue Codemasters is launching Race Against Time, a sports
now the gryur chance to proveit! Represent Sinclair User on the great Race A
live on May 7th!

## HOW TO APPLY

The people to appear on the show will be selected by a special Sport Aid' $88 /$ Codemasters Experts Panel.
Judging will be on the basis of the scores claimed on any five recently released games. The scores you claim should be signed by a parent or teacher as being true. Of course it isn't that hard to cheat, but just think what a complete Drongo you're going to look if you aren't any good!
Send the form, together with a stamped, addressed envelope, to: The Race Against Time, Sinclair User, 30-32 Farringdon Lane, London EC1R 3AU. THERE IS VERY LITTLE TIME, CLOSING DATE IS FRIDAY 29th APRIL! ENTRY COUPON
Name:................................................ Age:.........Phone:................
Address:
Game
Score/Time
1 ........
$2 \ldots$
3 .........................................................................................................
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Parent/teacher.


## Last Monthis comptition

WFell despite having around two minutes to find a caption for the last competition, there were some fair offerings. It was a pretty bizarre picture though, you have to admit. Gremlin expected lots of dodgy comments about the woman in the picture but there were more suggestions which involved the Iittle bear in the corner. There were various ideas about this including some awful puns "This is definitely the best way.
to play a Macsen Game, the tension is un-bear-able, "that from Cathy Welsh of Glasgow. The winner, which appealed to Gremlin's sense of the absurd was this from the mysteriously named J \& J Ogden Ogden at Droylesden, Manchester, who suggested that the Bear has taken over the Zombie-like humans and is saying: "You cannot resist, I am in control, you will now remove this ridiculous chequered overall from my royal bearsomness.


GREMLIN'S NEW WORDPROCESSOR DRAMA (indent)!\#/neW Technology HITS Grem/lin::: \% Ảatheeese rrowred processors are\&* a real assettt!(indent off) aren't theyy? (Codel bold)I've
(new line) certain ly got the hange of this one


GREMLIN'S DID YOU KNOW THIS? CORNER
(A collection of surprising facts about all sorts of things)*
in 1264 the earth was invaded by a shoal of giant halibuts from outer space

- One year there was a football match Liverpool didn't win
- The Beatles, John, Paul, George and Ringo were in fact Belgians
- Madonna is Michael Jackson's sister!
- Rick Astley never wears trousers!
- Jonathan Ross invented the Eccles cake
- The most common cause of death is 'upset tummy'
- Any day now Amstrad will launch the +4 which will be totally fantastic and very cheap and completely Spectrum compatible
- The average lifespan of the average fish is 578 years
- Most suicides are the results of gardening programmes on BBC2
*Which are, alas, all completely untrue

$* * * * * * * * * * * * * * * * * * \operatorname{Ca}^{2}+$ ion Compefifion number 18

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## igging around the EMAP Films Distribution Publicity Shots filing

 cabinet, Gremlin came across this picture of a geezer with a Rolex and bird with long hair. Rumour has it that he went on to be famous as a Secret Agent, and she bacame famous as a dolly bird with long hair. Gremlin doesn't actually givea hoot about what they're up to these days, or indeed what they did in a previous existence. Gremlin just wants you to put a caption to this picture, wop it in the post and sit back and wait to see if you win. No smut, sexism or innuendos. Doesn't really leave you much to play with does it? All entries to reach Gremlin by 30 April.
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Name

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Caption



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