

Leslie's disguise teaches him never to be 'two-faced'!

























A JOURNEY WITH

LOOK-IN reporter Vicky Shaw talks to television's latest time-travelling star GARRY MILLER

ITH those muddy-green kind of eyes that can flash both fun and seriousness, Garry Miller stared across the room at his parents' home in North London. He was concentrating. "I suppose I'm very lucky," he said eventually. "I'm acting the part that I think every boy would like to play." The character that Garry has such affection for is Jamie, title hero of London Weekend's new adventure series.

Jamie is an imaginative, intelligent, curious kind of boy, interested in almost everything, perturbed by almost nothing. He buys a magic carpet which he eventually discovers has a secret. It can fly not only across distance but also through time! This leads Jamie and his slightly more cautious friend, Twink, (played by Nigel Chivers) into some exciting dramas. He discovers for himself what actually happened in different eras of history and gets involved in situations that, to most of us, are represented by the dull dates in history books. Garry finds his own sense of adventure increases as he makes the series. "The more I play the part of Jamie, the more I become him, and understand how he behaves and thinks."

TEACH-IN TIME

For this thirteen-year-old television actor, life isn't as glamorous as you'd think. In fact it's very hard work. Not only does Garry have to rehearse three-and-a-half hours a day, but he then has to film for another hour or so. He must also receive his ordinary schooling. "There is a teacher at the studios. Though by the time I've learnt my lines, rehearsed and filmed, I'm too tired to take in much more . . . still she's very patient," he said gratefully.

Garry started working as an actor when he was ten. "Ever since I can remember I've wanted to act. But don't ask me why!" He attended a famous London school for child actors where—as well as the usual geography,

history, and maths—the timetable also had periods for drama elocution, dancing and play-reading. Recently the school closed down, but by that time Garry had already been chosen to play Jamie. "At the audition I had to read bits from the script to the director and other people involved in making the programme."

Was he nervous? "No," he laughed. "We learnt how to get over that kind of thing at drama school."

Acting is very much a business for Garry and he takes it calmly in his stride. Although he has made many friends at the studio, he doesn't see so much of his old schoolmates. "Not much time," he sighed regretfully. What does he read? Science fiction, perhaps? "Scripts," he replied drolly. According to his father, however, he's a dab hand with a camera—and his father should know—he's a professional photographer.

Garry's real love is football. "I love watching and playing football—when I get the chance.

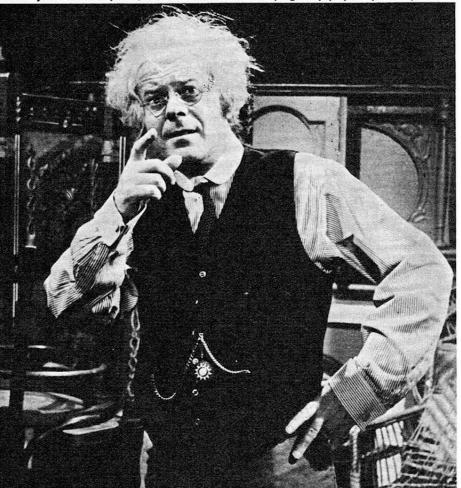
"In fact," he said confidentially, "my dad says that if I behave myself, he'll take me to the World Cup match next year." Suddenly the actor, television star, professional personality was back in the role he gets least chance to play—the enthusiastic thirteen-year-old football fanatic.

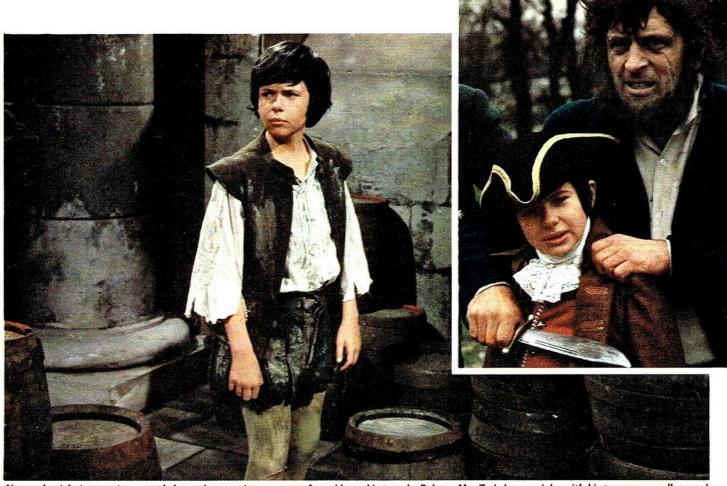
Jamie is currently on in all regions, with the exception of ATV Midlands, where it will be transmitted from July 25th.









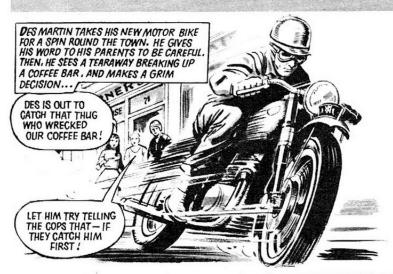


Above: Jamie's in a serious mood. Inset, he runs into a spot of trouble on his travels. Below: Mr. Zed shares a joke with his two young colleagues!



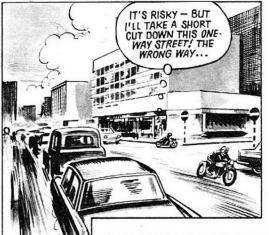


Part two of this story about a motor cyclist, selected by actor David Barry, who stars as Frankie Abbott in London Weekend Television's series, 'Please Sir!'.





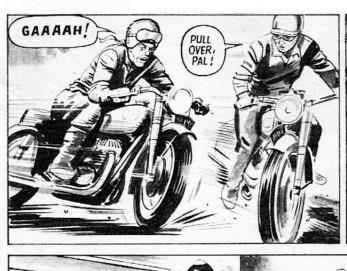












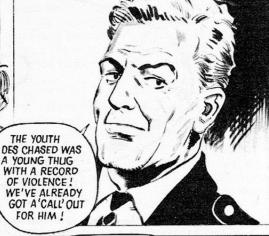






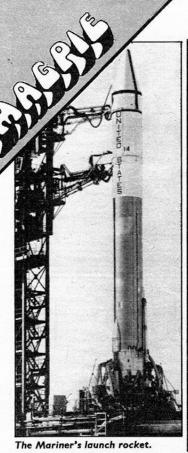


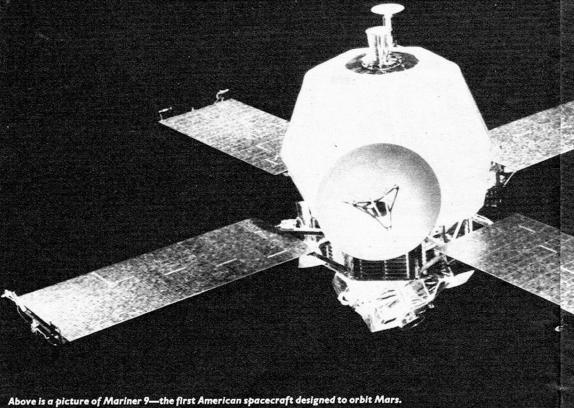


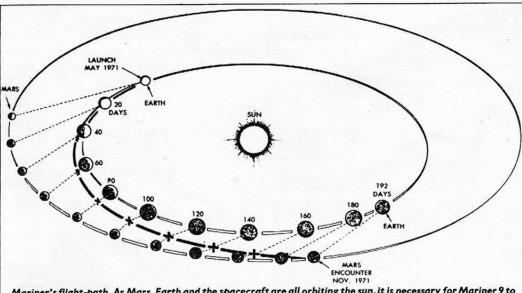




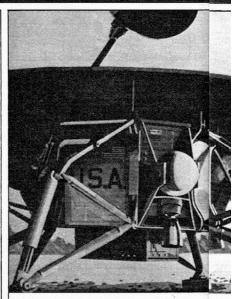








Mariner's flight-path. As Mars, Earth and the spacecraft are all orbiting the sun, it is necessary for Mariner 9 to travel a much greater distance to intercept the planet. Mariner will have to cover a distance of 267 million miles.



Artist's impression of a Viking landing on Mar:

Murgatroyd





g on Mars, planned by the U.S.A. for 1975.



Mars, photographed by Mariner 7.

RAGITO THE RIED PLANIEL

Is there life on Mars? Magpie focuses on the present investigations.

If you tried to hit a sixpence at a distance of a hundred yards you would have to be a pretty good shot. The best marksmen in the world today are the launching crews, like those at Cape Kennedy and Tyuratam who send off rockets to the far reaches of space. But they cheat a little—they have computers to help them. Nevertheless, they do a remarkable job.

Right now, three robot spacecraft—two Russian and one American—are speeding towards Mars, the Red Planet. Just how accurately they have been aimed will not be known until November, as the journey takes seven months.

Picture Probe

The American probe, Mariner 9, is due to go into orbit around Mars for a picture-taking session lasting several weeks. So at the end of its long journey, its speed and aiming point must be just right for it to be captured by the planet's gravity, without crashing on to the surface. That's like hitting a target about the size of the British Isles after a journey of 287 million miles—better than winging a sixpence at 100 yards! Little wonder that NASA, the U.S. space agency, talks of the 'unprecedented accuracy' needed for such flights.

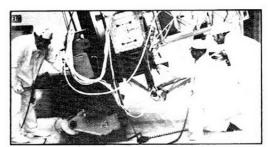
Less is known about the precise aims of the Russian probes. They may, like Mariner, go into orbit round the planet. But there are other alternatives: a less-complicated 'fly-by' or a more spectacular soft-landing. To carry out any of these successfully, the aim will have to be good.

Race Reasons

Why is it that, after a lull in planetary space probes, three craft are racing towards Mars this summer? There are several reasons. The main one is the urge to solve the riddle that has been intriguing scientists for centuries. Is there life on other planets?

It is now generally believed that Mars is the likeliest of the planets to support some form of life. So both space powers are looking at it with renewed interest.

Another important reason is that conditions at present are ideal for sending probes to Mars. Launchings to the planets can't be made at any time. In the case of Mars, the best launch opportunities occur for a period of a few weeks, once every 25 months. Later this year Mars will be as close to Earth as it ever comes. By November a mere 76 million miles will separate the two planets—though to reach Mars,



Checkout at the Space Centre for the orbiter.

Mariner 9 will have to travel nearly four times that distance (the diagram explains why).

America's study of Mars by spacecraft began in 1964 with Mariner 4. As it streaked past the planet, this craft sent back twenty-one television pictures. These first-ever close-ups were a shock to astronomers. They showed a cratered surface more like the Moon than the Earth.

In 1969, two more craft—Mariners 6 and 7—flew closer to the planet. Their pictures show that the surface is heavily cratered in some areas and smooth in others.

Mars has a thin atmosphere of carbondioxide and its poles are capped with what are probably thin layers of dry ice. Conditions on the surface seem to be constantly changing, and scientists want to know more about its mysterious features.

Mariner's Mission

Mariner 9 will swing into an elliptical orbit that will take it, at the nearest point, to within 550 miles of the planet. Its cameras have a dual role—to map large areas of the surface and to focus over and over again on areas of special interest.

The American orbiter will not, however, produce final evidence on whether there is life on Mars. Its instruments can only report on conditions that would make life a possibility.

So unless the Russians are planning a soft- a landing, the search for life will be taken up again in 1975, when the United States is due to land two Viking spacecraft on the planet. Then it's anybody's guess as to what they'll see find!

th Thomes Television Ltd. © 1971 Thames Television Ltd





































A cadet force farce with Five 'C', next week!



It's nice to see how many girl singers are making the top of the charts this year. At one time, girls had a hard time to make a hit record. Even talented artistes like Lulu and Cilla Black found it difficult to get started.

But now, I am glad to say, things have become easier. Groups such as Blue Mink, Family Dogg and the New Seekers all include girl singers. The result of the growing number of girl hitrecording artistes has brightened our English pop scene. Mary Hopkin has become a national favourite in a very short time. In fact, her first record Those Were The Days produced by Paul McCartney of the Beatles—was released in September, 1968, and it soon reached No. 1.



Above: Polly and Pickettywitch!

Polly Brown is the girl singer with Pickettywitch, who we were fortunate enough to have on the show during the last series of Lift Off. We were all very impressed with the group and particularly with Polly.

Last, but by no means least, I would like to mention the newest girl to have a hit record—Olivia Newton-John. Her beautiful record If Not For You has been a big hit for her.

You may wonder why I'm concentrating on girl artistes in this week's column. The answer is that my own record, Master Jack, is being released this week.

Bye for now,

Lychec











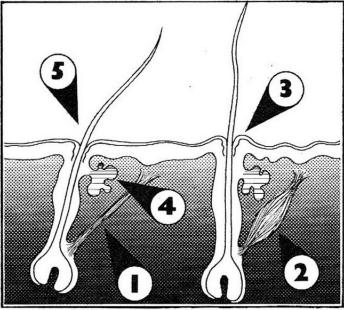
ONCE again the How! team, Bunty James, Jack Hargreaves, Jon Miller and Fred Dinenage, are all set to give you the fascinating answers to some of your questions. Congratulations to this week's winners—you'll each be receiving a £1 Hamlyn book shortly. If you haven't already written in to the How! panel, why not do so now? You can win a £1 Hamlyn book of your choice for any question you have published. So hurry up and get thinking and send your entry to: How! LOOK-IN, 247 Tottenham Court Road, London, WIP OAU.

HOW do we get goose pimples on our

Joe Walker, West Ealing, London.

This is a question which many people ask but never really bother to find out just why it happens. Near the base of each hair on the body there are small muscles which enable them to stand on end. 'Goose flesh' or 'goose pimples' as the result of cold or a bad fright, are caused by these tiny muscles swelling up and forming a small mound of flesh—commonly known as a goose pimple!

It gets its rather unusual name because it looks just like the skin of a plucked goose. Another interesting point is that 'goose flesh' is an expression that has been in use for over one hundred and fifty years.



How we get goose pimples... I Erector muscle in relaxed position. 2 Erector muscle contracts in response to cold, fright or anger. This makes the hair stand on end. 3 In animals the effect of erect hairs is to create a warm layer of air next to the skin and to trap blood from a wound so that it clots more easily. We do not have enough hairs on our bodies to make this possible, except in areas of thick hair growth. The skin 'lumps up' round the base of the erect hair to form the familiar goose pimple. 4 Sebaceous Gland. This exudes an oily substance called 'sebum', which keeps the hair supple and the skin pliable. 5 There are between 100,000 and 150,000 hairs on the average person's head. If left uncut the hair would grow over 2 feet long and sometimes to nearly 5 feet!

HOW are whirlwinds and whirlpools formed, and what happens to objects that are sucked into them?

Pat Kerridge, Acton, London.

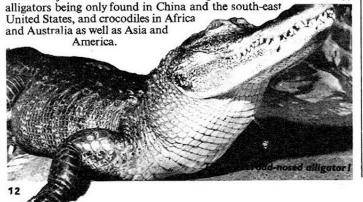
Whirlpools at sea are usually caused by opposite tidal streams or currents meeting each other. Whirlpools in rivers are often caused by banks that jut out into the stream which give the water nearby a circular twist. A few whirlpools can be very dangerous in stormy weather, one of them being the Maelstrom off the coast of Norway. Small boats can be drawn into their centres and sucked under.

Whirlwinds are circular rushes of opposing winds that are mainly caused by varying ground heat. At the centre of a whirlwind the atmospheric pressure is low. Some rise hundreds of feet. In the desert they cause dust storms, or smaller versions of them called dust devils. Violent whirlwinds, known as tornadoes, can do terrible damage. With wind velocities at their centre around the 200 mph mark, they can destroy buildings and uproot trees, and have wreaked havoc throughout the world.

HOW can you tell the difference between a crocodile and an alligator? James Burgess, Devon.

Well, James, some might say that a crocodile was slightly more likely to eat you! There are other differences, though. The crocodile's head narrows from its eyes towards the tip of its snout, and when its jaws are shut its fourth tooth is left sticking out.

An alligator's head does not narrow in the same way: it is nearly as broad at the snout as it is at the eyes, and none of its teeth stick out when its jaws are closed. Both belong to the Crocodile family,



HOW did the Italians decide to take off their socks and squash grapes with their feet?

H. Kemp, Eastbourne, Sussex.

The custom goes back far further than the Italians, to even as far as the Ancient Egyptians some 4,000 years ago. Grapes must be crushed to force the juice out, and the great thing about treading on the grapes is that the weight of the people stamping on them is not enough to crush the pips and so add an unpleasant flavour to the winea touch of bitterness. Also, stamping on the grapes wasand is—a splendid excuse for a party! The singing and dancing at such goings-on is all part of the business of making the wine. Not that there is much stamping today.



YOUR VIEW

BARRY EVANS, who stars as the amusing Dr. Upton in 'Doctor at Large', selects this week's letters and jokes from the Look-in Postbag...



STAR LETTER

RESCUE REMEDY

One day last year, when I was in the Lake District with my Dad, auntie and two friends, we all went on a walk over a hill which Daddy said would come out near our hotel. We climbed the hill, but when we descended the other side, we were nowhere near the hotel. In fact, we were lost!

Eventually, we arrived at a big house where a dust-cart was collecting rubbish. Daddy asked the way and they said: "Jump on, we'll give you a lift." So Dad and my Auntie Pam went on the back and the rest of us travelled in the cab. They drove us back in style and it was great fun!

Kim Rennie, Cheshire.

★ It sounds it, Kim—that little story wins you £2. Well done!

'HOT' DISH

I have a recipe that is quick and easy. All you need is:

1 Banana per person

1 Chocolate flake per person Some tin foil.

Method: Cut the bananas lengthways and place a flake in the middle of the two halves. Then join the halves together (with the flake inside). When you have done this, wrap the tin foil around the bananas and place in an oven until the chocolate is melted. Eat your dish while it is still warm.

Barbara Powell, Streatham, London.

★ That sounds a very tasty 'mixture', Barbara—I'll try it myself.

GREASY JOB

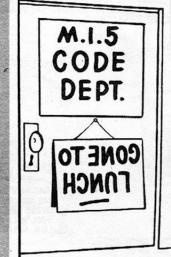
One day, my sister Carol was at a cookery class. She was so slow that the teacher told her to put some elbow grease into it. Carol looked at her, a bit puzzled, but carried on working.

Then, to the teacher's amazement, Carol returned from searching the shelves of the cupboard and said: "Please, miss, I can't find any elbow grease. What shall I use instead?"

The teacher could do no more but laugh at her.

> Jackie Winch, Dagenham.

A natural mistake—I hope the item you were cooking worked out in the end!



Billy Stevens, Walsall.

READER'S REQUEST

When I went to the theatre to see Sacha Distel, it was packed solid with his fans. I'm sure many LOOK-IN readers (including me) would love to see his picture. Can you help?

Susan Conroy, Hull, Yorks.



* The Editor is pleased to. Here he is above.

'MUMMIES' OF MANCHESTER

Last term, at my secondary school, my English master arranged a visit to Manchester Museum. The first items I saw, when I got there, were two Egyptian mummies which dated back to the year 2,000 B.C. I have enclosed a picture of them for other LOOK-IN readers to see.

Melvyn Lancefield, Preston, Lancs.

★ They certainly bandaged up people well in those days.



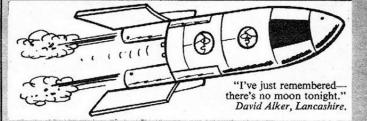


"I thought you had the key."

Andrew Clayton, Worcestershire.

Win £2 for the Star Letter, plus £1 for any other letter or joke! Plus: a special signed photograph of the Your View star will be posted to the sender of every item published!
Why not write now to Your View, LOOK-IN, 247 Tottenham Court

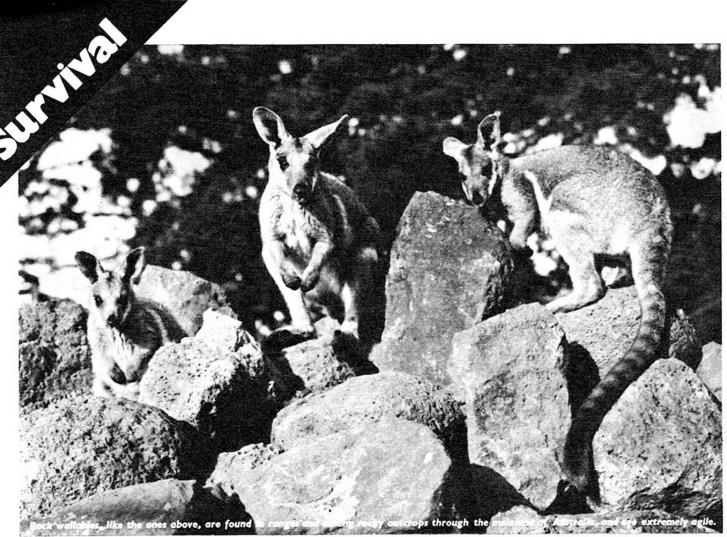
Road, London WIP OAU? But, remember—when you write, also enclose a list of your four favourite features, plus the feature you don't like (if there is one).



LIZ SKINNER AND SIMON RANDALL HAVE THE INCREDIBLE ABILITY TO PASS THROUGH THE TIME-BARRIER, MOVING BACKWARDS OR FORWARDS THROUGH THE AGES. IN 1666, THEY FIND THEMSELVES WITH THE HIGHWAYMAN, CAPTAIN GALLANT, ON THE RUN TOWARDS CORNWALL AND A RETURN TO THEIR OWN TIME. FLEEING FROM THE KING'S DRAGOONS THEY LEAVE THEIR HORSES AND STEAL A BOAT. BUT THE OWNER SEES THEM, AND... STOP! WE WON'T BE A PARTY MURDER! NO! YOU MUSTN SHOOT HIM GALLANT'S PISTOL HAS GLAIMED MANY AARGH! LIVES! BESIDES. THE PLAGUE FOOL WILL ALERT TAKE YOU ... INEVITABLY, NOT FIVE MILES DOWNSTREAM... KNOW NOT WHAT CODE OF HONOUR YOU HAVE IN YOUR TWENTIETH CENTURY, BOY - BUT IN THIS AGE, 'TIS KILL OR BE KILLED! LOOK! MORE SOLDIERS . THAT ACCURSED FARMER! WE'LL BE LUCKY IF WE LIVE THROUGH THIS, MY BEAUTIES! Based on the ATV programme THINK SIMON WAS RIGHT, CAPTAIN ... A FUSILLADE OF SHOTS THRASHES THE WATER ... OFF-BALANCE, CAPTAIN GALLANT SPRAWLS SIDEWAYS — AT THE SAME TIME AS THE BOAT IS CAUGHT IN AN ATV Network Ltd. EDDY ... 1971 SIMON

AHHHH!





Down Unders

Part one of a new series by Colin Willock, in which he introduces some of Australia's amazing animals.

You could say that they are the oddest lot of animals on earth and you wouldn't be far wrong. They certainly have an odd lot of names, too. What do you make of the Quokka, Wombat, Numbat, Wallaroo, Echidna and Platypus, for instance? The one point about each of these creatures is that they are all Australian animals and are quite different from anything, anywhere else in the world.

In the next few weeks, I'll be introducing you to the weird wildlife of Australia in detail. But first, let's start with the very symbol of Australia—the kangaroo.

The kangaroo is what's called a marsupial. When I tell you that marsupium is the Latin for pouch, you'll quickly see how the kangaroo falls into this category. It carries its young about in a pouch. So marsupial simply means a pouched animal.

Now marsupials are very interesting creatures indeed. Even more interesting is that Australia practically has a monopoly of them. I say 'practically' because there are a few pouched species in North and South America—the opossums.

Marsupials feed their young on milk so

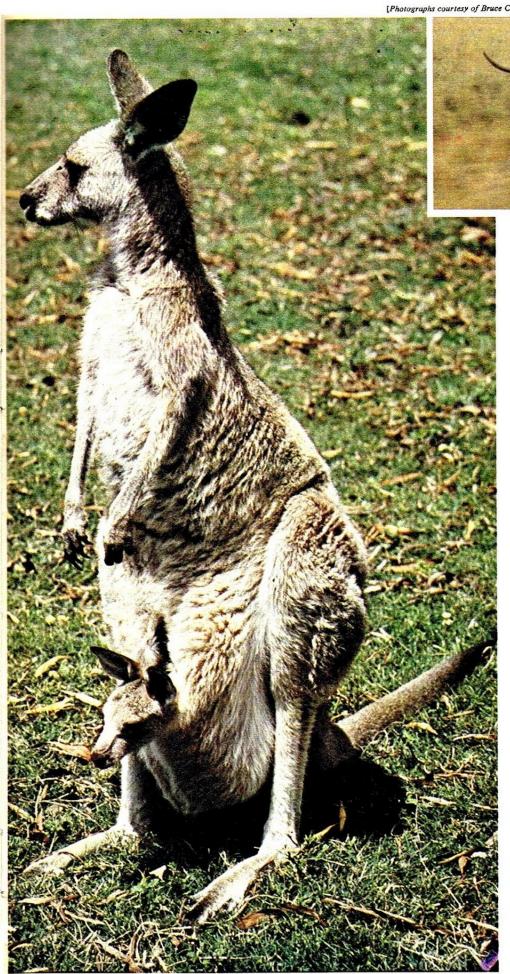


that makes them mammals like cows or lions. But they are very primitive mammals. You could well describe them as living fossils.

It's just as though when Evolution first started developing mammals some hundred million years ago, it decided on an early trial production model—the marsupial. When this didn't work out too well it abandoned the design and began turning out standard mammals—females which carry their young inside a womb until they are fully ready to be born.

The young of pouched animals, like the kangaroo, are born at a very early stage in their development when they are still incredibly unformed. The newborn young of the largest kangaroos are only about an inch long.

As soon as they emerge, they crawl blindly up their mother's belly fur until they find her pouch. They wriggle inside and clamp themselves on to the teat they discover there. The baby remains glued to



A kangaroo bounds swiftly along on its powerful hind legs. They are believed to be capable of reaching 25 m.p.h. over a 300-yard stretch.



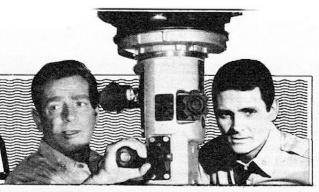
The kangaroo's pouch classifies it as a marsupial. this source of food for weeks until it becomes independent enough to feed only when it needs to.

How did this vast collection of living fossils come to be isolated in Australia? The most likely explanation is this: marsupials were once widely distributed throughout the world. Fossil remains make this quite certain. When the more successful 'modern' mammals came along, the marsupials gradually found themselves being pushed out of business. This would have happened in Australia also, but for a lucky geological accident.

At the precise moment the 'placental' mammals (those which carry their young in a womb) were taking over, the land bridge that connected Australia to Asia partly sunk into the sea, leaving the chain of islands we know today.

The marsupials were therefore left in a giant 'lifeboat'—Australia—to go their own way without competition for sixty million years. This is how all these very strange species evolved. I'll be showing you some of them in the next few weeks. By the way, did you know that Australia actually has two mammal species that can lay eggs? How much odder can you get?

VOYAGETOTHE BOTTOM OF THE SE

















Look out for next week's [回话]

SUPER NEW COLOUR PICTURE STORY BASED ON THE EXCITING TV SERIES 'FOLLYFOOT' STARTS NEXT WEEK! ALSO, SPECIAL FEATURE ON THE HOW! TEAM, SOON TO BE RETURNING TO YOUR SCREENS—AND BUSH BOY, THE YOUNGSTER

BROUGHT UP IN THE AFRICAN BUSH!

It's all in next week's 「今 で order your copy now!





KODAK 'INSTAMATIC' COMPETITION WINNERS

Congratulations to the prize winners of the Kodak competition published in Issue 17 of Look-in. Winners will each receive a Kodak 'Instamatic' 133X Colour Outfit in the post.



Barbara Phillips, Milford Haven, Pembrokeshire.

Gary Lloyd, Birkdale, Lancs. Stephanie Zaufall, Walton-on-

Stepnanic Zauran, Wanton-on-Thames, Surrey.
Michael Royle, Woodley, Cheshire.
Sarah Caffrey, Reading. Berks.
Bobby Beardon, Millhill, London.
Suzanne Wakefield, Maidstone.
Neil Firth, Ossett, Yorkshire.
Sandra Lawrence, Harlington,
Middlesex.

A. J. B. McConnach, Watford. Kim Jackman, Woking, Surrey. Tony Stafford, Beddington CRO 3AS.

Denise Moran, Rhosymedre,

Wrexham.

Jeremy Read, Old Windsor, Berks. Jonathan Clark, Lyme Regis. Christopher Coleman, Keighley, Yorkshire.

Dawn Licence, Hooley, Surrey. Dee Cannon, Adams Row, W.1. Timothy Hunt, Orchardleigh,

Devon.
Elaine Noland, Blackburn, Lancs.
Mark Raffield, Old Coulsdon,
Surrey.

Deborah Goss, Ripley, Surrey. David Simnett, Forest Hill, S.E.23. Shena McKirdy. Newington, Edinburgh.

Nicholas Turner, Bilton, Rugby.

Tina Munday, Aylesbury, Bucks. Wendy Joseph, Hillingdon,

Middlesex. Margaret Stevenson, Ayrshire. Stephen Pickin, Fenton,

Stoke-on-Trent. Gary Clow, Harlow, Essex. Kate Pritchard, Abergavenny,

Kate Pritchard, Abergavenny, Mon., S. Wales. John Sancho, Maidstone, Kent. Rosemary Relf, Primrose Farrow, Co. Durham.

Neil Johnstone, Galashiels, Selkirkshire.

Suzanne Smith, Halesowen, Worcs. Peter Colston, Newcastle-on-Tyne. Kenneth Board, Honiton. Dianne Yarnall, W. Bromwich. Miss J. Gore, Shepperton, Middx. Alan Laing, Tunstall Estate, Sunderland.

Stephen Candler, Sunderland, Co. Durham.

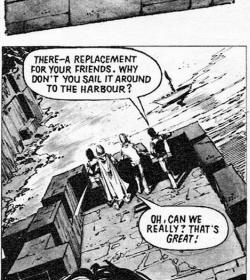
Jennifer Penman, Tilbury, Essex. Anthony Sloan, Harpurmey, Manchester.

Paul Saynor, Sacriston, Co. Durham.

G. Corby, Portsmouth, Hants.
Jill Haydon, Prince Rock, Plymouth.
Denise Nicholls, Cardiff, S. Wales.
Michael Kelley, Elburton, Devon.
Lindsay Preston, Acton, Cheshire.
Jane Bullock, Huyton, Liverpool.







DON'T UNDERESTIMATE
YOUR PART IN THIS, LADS —
AND YOU, SUE, I'M AFRAID
I USED ALL OF YOU SO THAT
WE COULD GET OUR HANDS
ON THOSE TWO BEAUTIES!

YES, YOU
GAVE ME QUITE
A FRIGHT, TOO!
I NEARLY FELL
OFF THE CLIFF
TOP!



RIGHT, IT'S A DEAL

COME ON, YOU TWO! THAT'S WHY WE CAME TO TRECAWTH IN THE

FIRST PLACE !



BRIGHT'S' BOFFINS

Trouble with tanks and trees for the barmy brigade ...

BRIGHT IS ASKED TO FIND A NEW TANK FIRING RANGE. HE CHOOSES A WOODED AREA, BUT HIS PEN CAUSES INK BLOTS WHICH ARE MISTAKEN FOR THE TARGET, FIRST GREAT WIFFINGTON STATION IS HIT—THEN THE LOCAL GOLF COURSE...

























More laughs with Dogsears' deadly toys, next week!

Top-Speed Trackster

Ten-thousand metres is the 'killer' event of the running track. But David Bedford – twenty-one-year-old London born athlete is determined to become the world's best at the distance.

He could go some way to fulfilling his ambition when he runs for Britain in the forthcoming European Championships at Helsinki, later this month.

In April, 1969, at the age of nineteen, this slim six-footer set a new British ten-thousand metres record of 28 min. 24.4 secs., which created a sensation.

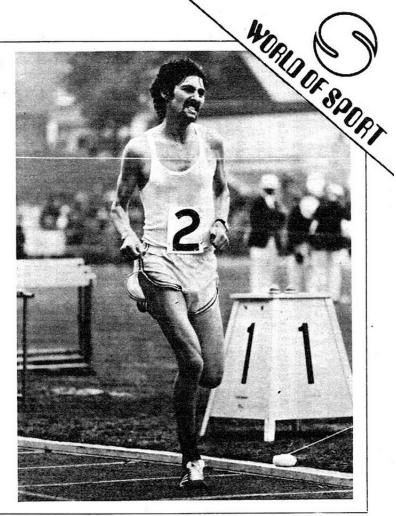
But a series of injuries, including concussion in a motorscooter accident, prevented him from gaining a place in the Commonwealth Games team at Edinburgh, last year.

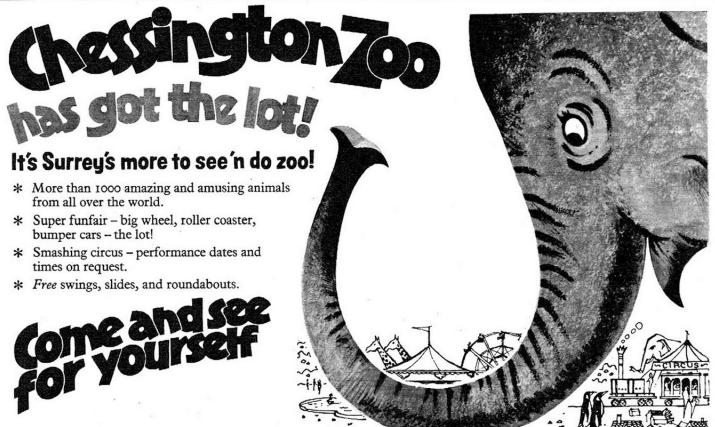
Yet a few weeks later, he won the A.A.A. title in a new record championship time. Earlier this year, this exciting young track 'ace' turned to cross-country running. He

won the British title and then romped to victory in the International event in San Sebastian – the youngest winner for twenty years.

Dave is a glutton for training. Since the age of eighteen, he has been covering around two-hundred miles per week, running to and from his home and office, in London.

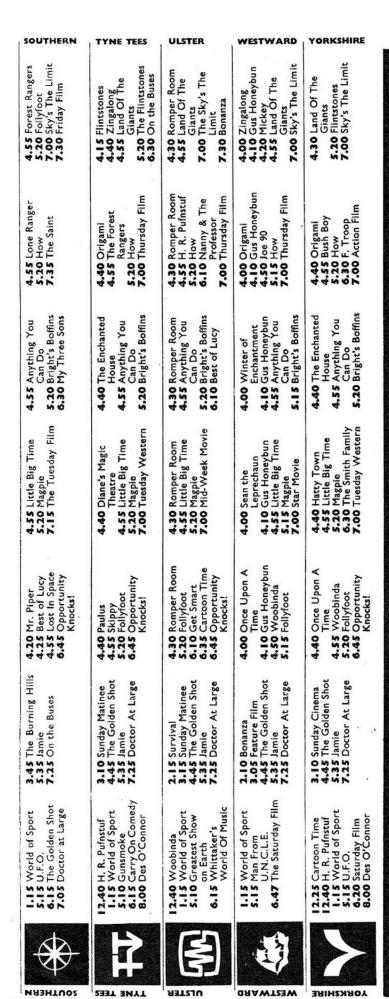
His schedule amazed even his athletic pals. Some weeks ago, he left his desk job for a rigid training session in Sweden and Finland as preparation for the European Games. The goal that spurs him on? A gold medal at next year's Olympic Games in Munich. With such determination and skill as David possesses, he might well achieve that aim, too.

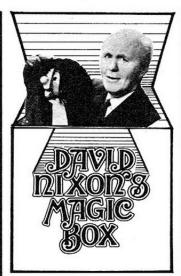




	ı	ANGLIA	MIDLANDS	BORDER	CHANNEL	GRAMPIAN	GRANADA	WALES/WEST	LONDON	SCOTTISH
July 3-9	Friday	4.30 The Romper Room 4.50 Voyage To The Bottom Of The Sea 7.00 Sky's The Limit	4.40 Zingalong 4.55 Land Of The Glants 7.00 The Sky's The	4.40 Zingalong 4.55 Cowboy in Africa 7.00 The Sky's The Limit	4.00 Zingalong 4.10 Puffin 4.20 Mickey 4.55 Land Of The Glants 7.30 Department S	4.50 H.R. Pufnstuf 5.20 Follyfoot 6.10 The Smith Family 7.00 Sky's The Limit 8.00 Nanny & The Professor	4.40 Thunderbirds 6.25 The Saint	5.06 Zingalong 5.19 Robin Hood 7.00 Friday Film	3.45 Zingalong 4.15 Skippy 4.55 Secret Squirrel 5.20 Follyfoot 7.00 On the Buses	4.15 Magic Elephant 4.55 Holiday Cavalcade 5.20 Skippy 6.10 Bonanza 7.30 The Champions
	Thursday	4.35 Mel-O-Toons 4.50 Captain Scarlet 5.15 How Survival 7.30 The Thursday	4.40 The Magic Ball 4.55 Skippy 5.15 How 7.00 Thursday Movie	4.40 Stories of Tuktu 4.55 The Lone Ranger 5.15 How 7.00 Feature Film	4.00 Origami 4.10 Puffin 4.20 Survival 4.50 Joe 90 5.15 How 7.00 Thursday Film	3.30 Rumblie Jumblie 5.20 How 6.10 Come Ashore 7.00 Thursday Film	4.40 Origami 4.50 Woobinda 5.15 How 6.30 Film	4.40 Tinkertalnment 4.50 Pippi Longstocking 5.20 How 7.30 Mid-Week Movle	3.40 Origami 4.55 Woobinda 5.20 How 7.30 Thursday Film	4.15 Paulus 4.55 Laurel & Hardy 5.15 How 6.10 Mad Movies 7.05 Thursday Film
this week:	Wednesday	4.30 The Romper Room 4.55 Anything You Can Do 5.15 Bright's Boffins	4.40 Plupp 4.55 Anything You Can Do 5.15 Bright's Boffins	4.40 Plupp 4.55 Anything You Can Do 5.15 Bright's Boffins	4.00 Winter of Enchantment 4.10 Puffin 4.55 Anything You Can Do 5.15 Bright's Boffins	4.55 Anything You Can Do 5.20 Bright's Boffins	4.40 Zingalong 4.55 Anything You Can Do 5.15 Bright's Boffins 6.30 Randall & Hopkirk	4.40 Tinkertainment 4.55 Anything You Can Do 5.19 Bright's Boffins	3.40 Plupp 4.55 Anything You Can Do 5.20 Bright's Boffins 6.30 Benny Hill Show	4.15 The Enchanted House 4.55 Anything You Can Do 5.15 Bright's Boffins 6.15 Mr. McGoo
rogrammes tl	Tuesday	4.40 Paulus 4.55 Little Big Time 5.20 Magpie 7.00 The Tuesday Film	4.40 Hatty Town 4.55 Little Big Time 5.20 Magpia 7.00 Star Movie	4.40 Hatty Town 4.55 Little Big Time 5.10 Magpie 7.00 Feature Film	4.00 Sean the Leprechaun 4.10 Puffin 4.55 Little Big Time 5.15 Magpie 7.00 Star Movie	3.40 Once Upon A Time 4.55 Little Big Time 5.20 Magpie 7.00 The Tuesday Western	4.40 Hatty Town 4.55 Little Big Time 5.20 Magpie 6.25 Best of Lucy 6.50 British At War	4.40 Tinkertainment 4.55 Little Big Time 5.20 Magpie 7.30 On the Buses	3.40 Once Upon A Time 4.55 Little Big Time 5.20 Magple 6.00 Flintstones	4.15 Plupp 4.55 Little Big Time 5.20 Magpie 6.10 Hogan's Heroes 6.40 The Tuesday Film
	Monday	4.00 All About Riding 4.30 Romper Room 4.55 Filpper 5.20 Follyfoot 6.40 Opportunity Knocks!	4.40 Origami 4.55 Bush Boy 5.15 Follyfoot 6.40 Opportunity Knocks!	4.40 Origani 4.55 Skippy 5.15 Follyfoot 6.45 Opportunity Knocksi	4.00 Once Upon A Time 4.10 Puffin 4.50 Woobinda 5.15 Follyfoot	4.25 Origami 4.40 Hatty Town 4.55 Cowboy in Africa 6.15 Junkin 6.40 Opportunity Knocksi	4.45 Once Upon A Time 4.55 Rocket Robin Hood 5.15 Follyfoot 6.15 Beverly Hillbillies	4.55 Woobinda 5.19 Follyfoot 6.45 Opportunity Knocksi	4.40 Hatty Town 4.55 Lost In Space 6.40 Opportunity Knocks!	4.15 Sean The Leprechaun 4.30 Castle Haven 4.55 Sky Hawks 5.15 Follyfoot 6.15 Flintstones
our ITV	Sunday	2.45 Film 4.40 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	1.30 Enchanted House 2.15 Sport 4.40 The Golden Shot 5.35 Forest Rangers 7.25 Doctor At Large	3.15 The Saint 4.15 Skippy 4.45 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	2.10 Bonanza 3.05 Feature Film 4.45 Golden Shot 5.35 Jamie 7.25 Doctor At Large	2.45 Survival 3.15 Sunday Matinee 4.40 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	1.55 Spiderman 3.55 Film 4.40 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	2.15 Survival 3.15 Matinee 4.45 The Golden Shot 5.35 Jamie 7.25 Doctor At Large	1.45 Captain Scarlet 3.15 Forest Rangers 3.45 Randall & Hopkirk 4.45 Golden Shot 5.35 Jamie 7.25 Doctor At Large	1.55 Saint 2.50 Feature Film 4.40 The Golden Shot 5.35 Jamie 7.25 Doctor At Large
िर्द्धात on your ITV p	Saturday	5.15 World of Sport 5.15 U.F.O. 6.15 Whittaker's World of Music 7.00 The Des O'Connor Show	12.40 Joe 90 1.15 World of Sport 5.15 U.F.O. 6.15 Saturday Film 8.30 The Comedians	1.15 World of Sport 5.10 U.F.O. 6.15 Whitaker's World Of Music 7.00 Please Sir! 7.30 Des O'Connor	5.15 World of Sport 5.15 Man From U.N.C.L.E. 6.15 On The Buses 6.47 Saturday Film	1.15 World of Sport 5.10 Bonanza 6.15 The Saturday Movie 8.05 Department S	12.20 Thunderbirds 1.15 World of Sport 5.15 Bonanza 6.15 Sky's The Limit 6.45 The Tough Guys	12.25 Plupp 12.35 Tinkertainment 1.15 World of Sport 5.10 Bonanza 6.15 Saturday Cinema	12.15 Thunderbirds 1.15 World of Sport 5.10 Bonanza 6.15 Whittaker's World Of Music	12.40 Phoenix 5 1.15 World of Sport 5.15 Cowboy In Africa 6.15 Sky's The Limit 6.45 Action Movie 8.30 Please Sirl
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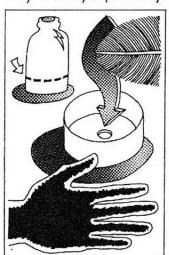
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The Magic X-Rayscope

Cut the top part away from a small plastic bottle, as shown. Make a hole about ½ inch in diameter in the bottom and then paint the inside black. Now cut a small piece from the tip of a feather. Glue it over the inside of the hole—and your X-Rayscope is ready.

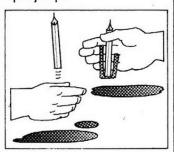


Just hold your hand up to the light, look at it through the hole, and you will see the 'bones' of your hand. Although it's not a real X-ray it is a very good imitation. Try it on a pencil. You'll be able to see the lead in it.

The Jumping Pencil

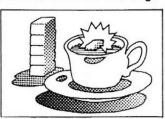
Push a pencil down into your closed fist. Then make a magic sign over it. Suddenly, the pencil will jump right out of your hand into the air! How? Simply put a small rubber band around your second finger. When you push the pencil down into your fist, ensure that you catch the

end of the pencil in the loop of the rubber band, stretching it downwards. Now grip the pencil for a moment while you make the magic pass. Next, you just release it and up it jumps!



Floating Sugar

Can sugar float? Of course not. But it will certainly seem possible if you do as follows. Make a stack of five sugar



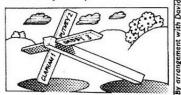
lumps—having first wet the surfaces that will be touching. Leave them for a little while and you will find that the lumps are all stuck together.

Secretly, put the stack into your cup of tea when no one is looking—and it will seem as if the top lump is floating on the surface. Make magic passes over it and it will slowly sink as the lower lumps melt.

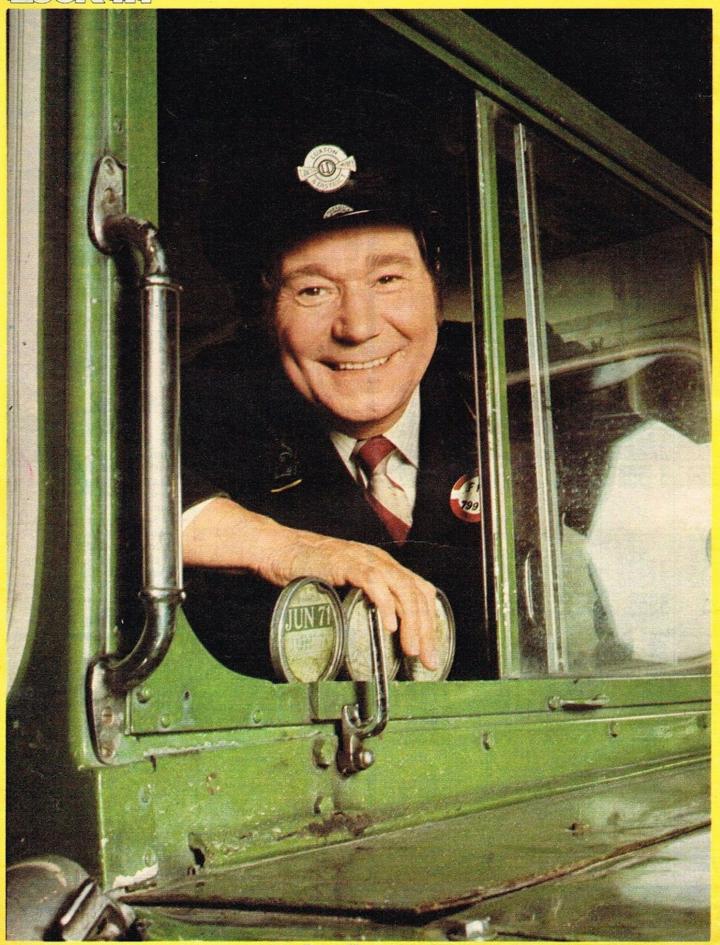
TEASER-TIME * * *

Here is the answer to last week's problem—if a chiming clock takes six seconds to strike six o'clock then it will take twelve seconds to strike eleven o'clock, Odd, eh?

Your next brain-twister concerns a traveller. On his way from village to village, he comes to a cross-roads where the sign-post has been completely uprooted from its spot. How can the traveller re-erect the sign-post so that the four arms are pointing in the correct directions, and enable him to continue his journey?



Lookin



REG VARNEY