

Look-in

Junior TVTimes No 6 13 Feb 1971 Every Friday 1s.(5p)



Nixon's Magic Box
Colour Feature inside

**Magpie and
the Champion**



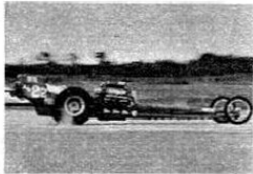
Look-in

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The Editor writes: In the year 1805 a famous engineer called Thomas Telford (right) built an aqueduct across the Vale of Dee. It was, and still is, a magnificent structure. One thousand feet long and one hundred and twenty feet high, it carries a canal to the town of Llangollen.

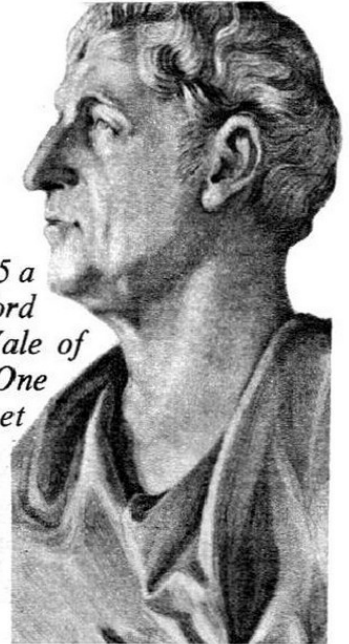
In the old days it was a busy, working waterway, full of coal boats sailing high in the air across the valley. Now it is quiet, little-used and very beautiful.

It was here, one July day, that the voyage of the Flower of Gloster started.

In response to many letters from readers, I have included the first instalment of a text story in LOOK-IN.

The Flower of Gloster, which many of you may have seen on your television screens, starts this week on page 18. I hope you enjoy the story.

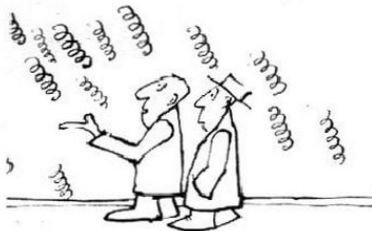
Alan Fennell



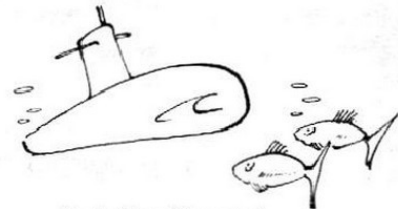
YOUR VIEW Jokes



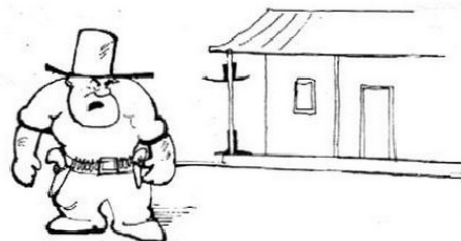
That be the pony express! Pauline Newbold, Bulwell, Nottingham.



It's only a spring shower! Deborah Ryan, Chesterfield.



Look, tinned humans! Paul Wood, Sheffield, Yorkshire.



Okay, where are you, Slim? Geoffrey Stirrup, Smethwick, Worcestershire.



Philip Tansley, Birstall, Leicester.



Crowther in trouble



NO LIE - IN THIS SATURDAY MORNING, I'M OVER-WEIGHT - IT'S TIME I GOT IN TRIM...



OOOOOF! THE BOOK SAYS TO START WITH A DOZEN 'PRESS-UPS'. LET'S HOPE THEY'RE EASIER COMING DOWN!

CUP OF TEA, DADDY...



... AND BREAKFAST IN BED! IT'S A 'SURPRISE'... OOOH!

OOF! YOU CAN SAY THAT AGAIN!



I'LL CONTINUE TRAINING DOWN-STAIRS! IT'S SAFER...



PUFF! THESE BRACES MAKE FINE CHEST-EXPANDERS. WHEEZE! A WEEK OF THIS LOT AND I'LL BE AS FIT AS A FIDDLE...



SUDDENLY...

WHAT... OOOOMPH!



S... SORRY, DAD! MY PLANE WENT OUT OF CONTROL...

SO DID I - OR I WILL IN A MINUTE!



SOON...

FROM NOW ON, I'M STAYING OUT-OF-DOORS! NEXT COMES CYCLING. I'LL BORROW LINDSAY'S BIKE...



SEVERAL MILES LATER...

THIS IS MORE LIKE IT! I FEEL BETTER ALREADY... HELLO! DID I HEAR SOMETHING...?



A PUNCTURE! AND IT'S STARTED TO RAIN, TOO!



HUH! I CAN'T EVEN CATCH A BUG WITH THIS BIKE TO PUSH! I'LL JUST HAVE TO WALK ALL THE WAY.



HUH! TALK ABOUT KEEPING FIT! THE DOCTOR SAYS I NEED A WEEK IN BED - AND THAT'S JUST TO GET ME BACK TO NORMAL!



A Look-in



Here's daring 'birdman' Walter Cornelius. His gallant attempt at flying ended up with him taking a cold bath in Peterborough's river Nene!

MOST of us have, at some time or other, seen news bulletins on our television screens. But how many know the fascinating 'behind the scenes' work that is involved in showing even a short news broadcast?

In the ITN (Independent Television News Ltd.) offices, there is a large team of professional men and women whose sole task is to prepare various news items that have been received from all over the world.

In fact, it is through ITN that all the Independent Television Companies receive their national and international news bulletins.

The first step in producing a news bulletin is taken by the Duty News Editor. He is the man responsible for gathering what he thinks will be headline news at the time of the early



The interior of ITN's news control room, ten minutes before transmission!

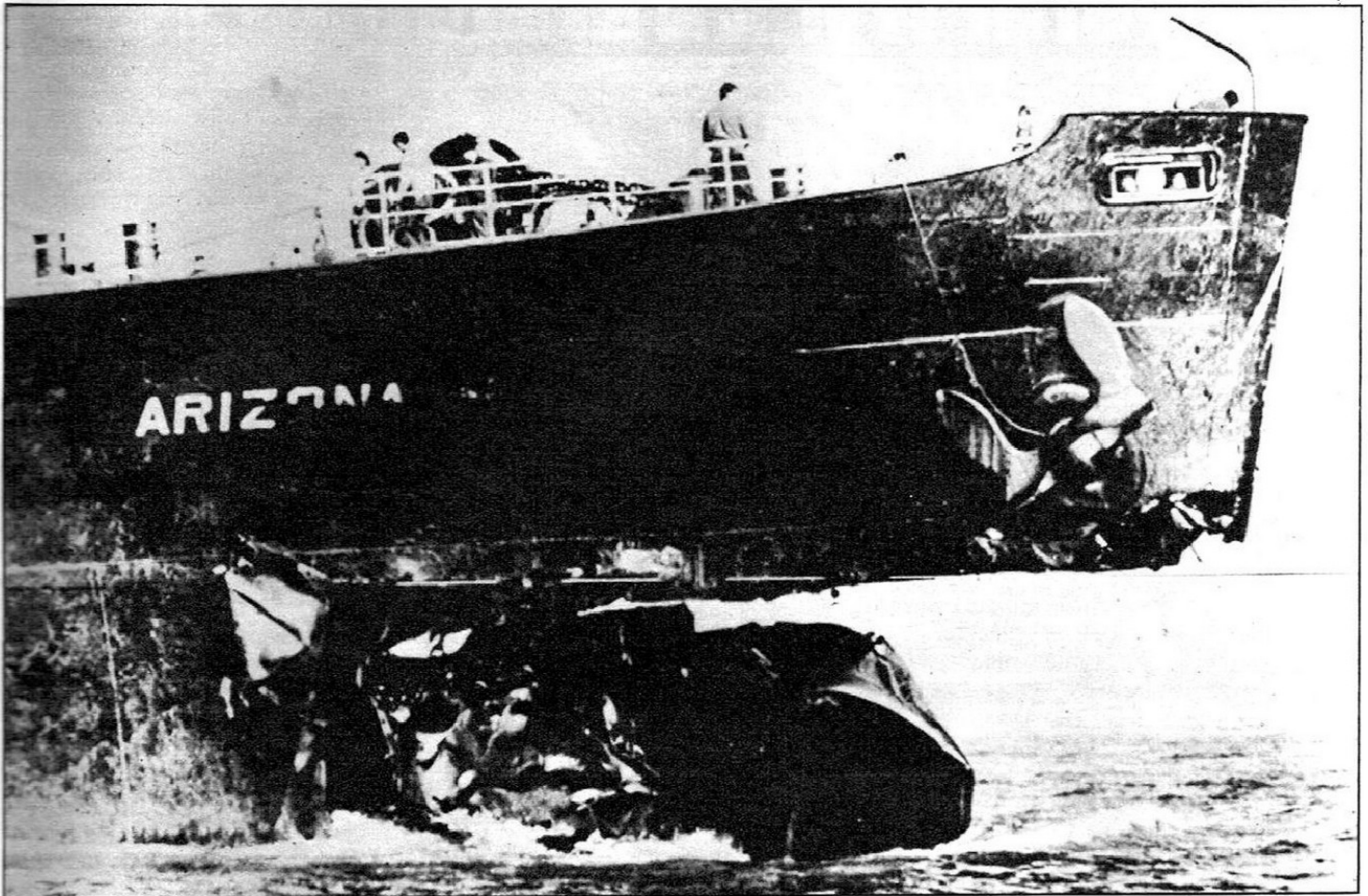
evening broadcast, at 5.45 p.m. He is certainly a man who must use considerable discretion. If, for example, he sees a story in the morning papers that he thinks may develop further by the evening, he gets a reporter and a camera team to stand by—just in case. The Duty Editor also telephones news rooms in all parts of the country to see if anything 'big' enough has happened to feature as a

national news item that will interest everyone in the country.

A few hours later, the Foreign News Editor arrives at the office and starts doing the same job as his colleague—but this time on an *international* scale. His main task is to act as liaison man between ITN headquarters and its camera crews and reporters operating all over the world. He also has to hold telephone conversations with all the

behind the news

by Stewart Wales



The stricken oil tanker, Arizona! Almost half-a-million gallons of fuel escaped through the hole in her bows. In hours, ITN featured the story.

different Eurovision countries to decide if any material is interesting enough for ITN to take over the Eurovision link—the central news centre for Europe.

While the two editors are busy handling that side of the proceedings, another team of men are organising the other side—the job of actually putting the programme together. The 'copytaster' reads all the material that comes in from each different source. Any particular feature that he thinks may be suitable to use, he passes on to the Chief Sub-Editor. This is the man who actually *writes* the news stories—joining the different pieces of information into a coherent and readable form. He has a team of writers under him, too! There are also diplomatic, political and industrial correspondents on hand at all times.



Gordon Honeycomb, ITN broadcaster, says his job is always interesting because no two days of the week are the same.

Each one of these men deals with material relevant to his own particular field.

One of ITN's news broadcasters, Gordon Honeycomb—the man who actually appears on your screen—is the final link in the large team that produces a news bulletin. He must *present* the news to the viewers using his personality as an aid to convey the news. He said of his job: "No two days are ever the same. I find it very stimulating because it is undoubtedly the 'liveliest' programme on television."

ITN select a variety of stories. When 'birdman' Walter Cornelius, a sixteen-stone Latvian strongman, attempted to fly, ITN covered the story. Wearing a pair of wings made of canvas and balsa wood, he leapt from the top of a thirty-five foot supermarket in Peterborough. Unfortunately, he plummeted straight into the river Nene below.

Then there was the American oil tanker *Arizona* that spilled its cargo of nearly half-a-million gallons of fuel into the waters of San Francisco Bay, in California.

Yes, every day, men are making news all over the world and men are gathering it. The newsman's life is one big race—and the one who gets his can of film to the studios first is the *winner!*

FREEWHEELERS

ATTEMPTING TO TRACE A ROUTE USED BY FOREIGN SPIES TO GET AGENTS OUT OF BRITAIN, THE FREEWHEELERS ARRIVE IN CORNWALL ...



LISTEN, THIS IS THE PLAN, THE SPIES HAVE ALREADY TRIED TO KILL ALL OF US - AND THEY PROBABLY THINK THEY'RE SAFE.

WE'LL HAVE SURPRISE ON OUR SIDE, MAJOR...



YES, BUT WE'VE GOT TO MAKE IT PAY! WE'LL GET ONLY ONE CHANCE. I'D LIKE TO KNOW MORE ABOUT THOSE TIN-MINE WORKINGS BEFORE WE GO BACK THERE.

THE INN-KEEPER HELPS...



THERE'S A MINE-SHAFT THAT GOES UNDER THE SEA-BED...

THAT MUST BE IT! ONCE THROUGH THE MINE-SHAFT THE SPIES ARE TRANSFERRED TO A SHIP - PROBABLY A SUBMARINE.



SOON...

LET'S GET DOWN TO THAT MINE AGAIN! STAY HERE, SUE! IT COULD BE ROUGH!

THAT'S NOT FAIR. I'VE BEEN INVOLVED IN THIS AS MUCH AS ANY OF US!



SORRY, SUE, BUT WE'RE DEALING WITH VERY DANGEROUS MEN, UNDERSTAND?



HUH! JUST BECAUSE I'M A GIRL, THEY THINK I'M SOFT. I'VE A GOOD MIND TO GO HOME!

MAJOR GRAHAM LEADS THE WAY BESIDE THE PRESERVED RAILWAY TRACK...

WHAT ABOUT STRATHMORE, MAJOR? CAN WE RELY ON HIS HELP IF THERE'S A SHOWDOWN?

WE ARRANGED STRATHMORE'S ESCAPE FROM JAIL SO THAT HE WOULD UNCOVER THE ESCAPE ROUTE FOR US. BUT HE WAS A TRAITOR ONCE. SOME SAY A LEOPARD CAN'T CHANGE ITS SPOTS!

THEY REACH THE MINE-SHAFT ENTRANCE IN THE TUNNEL...



KEEP AS QUIET AS YOU CAN - SOUND TRAVELS ALONG THESE PASSAGES.

FOR TWO MILES THEY WALK...



LISTEN - THAT'S THE NOISE OF THE SEA.

THERE MUST BE SOME SORT OF AIR-LOCK UP AHEAD...

AT THE INN, SUE MAKES UP HER MIND...



NO! WHY SHOULD I LET THEM HAVE ALL THE EXCITEMENT? I'M GOING AFTER THEM!

MEANWHILE...



COME ON - IT'S THIS WAY.

THAT'S THE SHAFT WHERE THE SPIES TRIED TO KILL US!

THEN...



A DOOR - AND IT'S LOCKED.

YES, BUT IT SHOULDN'T CAUSE TOO MUCH TROUBLE...

AND THAT DOOR MUST LEAD INTO THE AIR-LOCK. ONCE THAT COMPARTMENT IS FLOODED, THE SPIES CAN SWIM OUT TO THE WAITING SUBMARINE.



THAT'S IT! LUCKY MY TRAINING HAS INCLUDED LOCK-PICKING...



MAJOR, A SHORT-WAVE RADIO CONSOLE...

THIS MUST BE WHERE THE ESCAPING AGENTS WAIT FOR THE SEA TRANSPORT...



LOOK, MAJOR! AQUA-LUNG DIVING GEAR...

SUDDENLY...



SO... WE FAILED TO ELIMINATE YOU! WELL, WE WILL NOW PUT THAT LITTLE MISTAKE RIGHT. GREGOR - SHOOT THEM!

MAKING MAGIC

A Look-in on David Nixon's mystery world



HAVE YOU EVER BEEN LEVITATED? Anita Harris has—several times. Levitation is the Magician's word for making someone float about in mid-air—without visible means of support. Apart from that Anita has been sawn in half, made to vanish while riding a motor-bike, penetrated by hundreds of spikes in a contraption like a medieval torturer's outfit, and produced from all sorts of unlikely places.

Another of the world's most expensive magical assistants is Marlene Dietrich, who once assisted famous actor Orson Welles in his magic act. Incidentally, many well-known people have dabbled in magic as a hobby—among them Charles Dickens, Rudyard Kipling, J. B. Priestley, Earl Mountbatten, Cary Grant, Duncan Sandys, Prince Rainier of Monaco, and even some members of the Royal Family.

How did it all start—this magic business? The earliest recorded magic show was about five thousand years ago, given by a wonderworker called Dedi, whose exploits are recounted in a papyrus now in a museum in Berlin.

Since the time of Dedi, magic has changed a lot, as new scientific discoveries were added to the magician's store of knowledge.

J. N. Maskelyne, generally acknowledged to be the father of modern British Magic, found time between creating his ingenious illusions to invent a typewriter and a penny-in-the-slot machine.

Modern magic has to be slick and up-to-date, with plenty of laughs and surprises, so today's wizards are always busy trying out new tricks—like Robert Harbin—



ABOVE: Members of the famous Magic Circle perform the trick of levitation. **BELOW:** Robert Harbin from the well-known Origami programme demonstrates 'the floating lady'. Just take a close look at this picture taken some years ago.

well known for his programmes on Origami. Harbin's latest fantastic illusion ('The Aztec Lady'), was seen recently on David Nixon's Magic Box.

David takes the place of old-time magicians in presenting all kinds of illusions. Also he brings guests from all over the world, like Ritani from Germany with his amazing flying saucer—Chung Chin Foo with his beautiful Oriental mysteries, and Jack Alban from France, who performs Houdini's needle-swallowing trick using lighted electric bulbs instead of needles.

Of course the secrets of all these mysteries are closely guarded by magicians, but if you were a member of the Magic Circle—the most famous and exclusive magic club in the world—you could browse among the thousands of books in the library, which forms part of the Magic Circle Headquarters—tucked away in a quiet mews in the centre of London. There you could learn all the secrets that you would need to make you a magician—plus the years of constant practice and hard work. Ask David Nixon—or Anita Harris!



HOUDINI-
the incredible
"Handcuff King"

THE Great Houdini started in show business at the tender age of nine years as a trapeze artiste. Then, after working in a circus as a clown, ventriloquist, and conjurer, he earned an international reputation for being able to escape from chains, ropes, hand-cuffs, straight-jackets, locked boxes, prison cells. In fact he challenged the public to find anything from which he could not escape. He attributed his success partly to his great physical strength, but the really simple secret of his apparent infallibility was that he only attempted feats that he knew he could perform. He was also a very fine magician—performing with great showmanship, miracles of magic, ranging from the incredible needle swallowing trick to vanishing a fully-grown elephant.

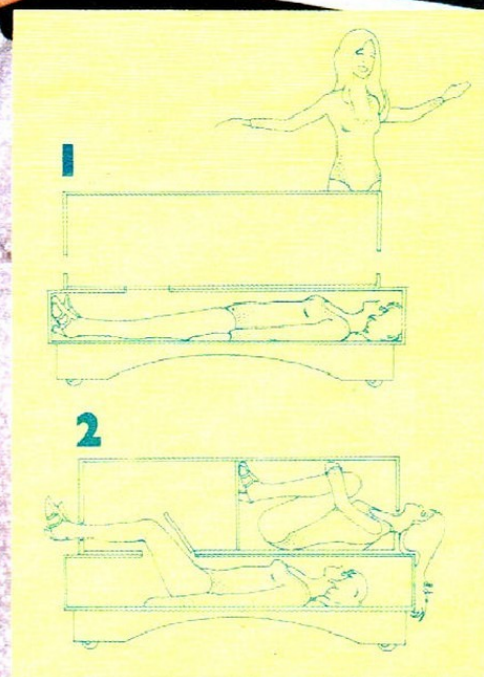


★ Doing the impossible ★

Anita Harris is about to be sawn in half by David Nixon . . . but she doesn't look too unhappy about it, for this trick is one of the oldest in the business. David will not tell his special technique, but we are able to show you, in the drawings below how most magicians achieve this amazing feat.

1 The lady who is about to be 'sawn in half' stands by the box in which she is to be placed. Another girl is concealed in the table beneath the top box and out of sight of the audience. First, the lady is placed in the box, which in turn is placed upon the hollow table. The table (which is on casters), is then rotated in a full circle.

2 When the lady's feet are out of sight, she withdraws them and curls up into a tight ball. Then the second girl, (wearing identical shoes) places her feet through the same opening. From then on, the whole operation is simple. The magician saws through the box (and, apparently the lady too). The whole process is finally reversed and the 'severed' lady becomes magically whole again.

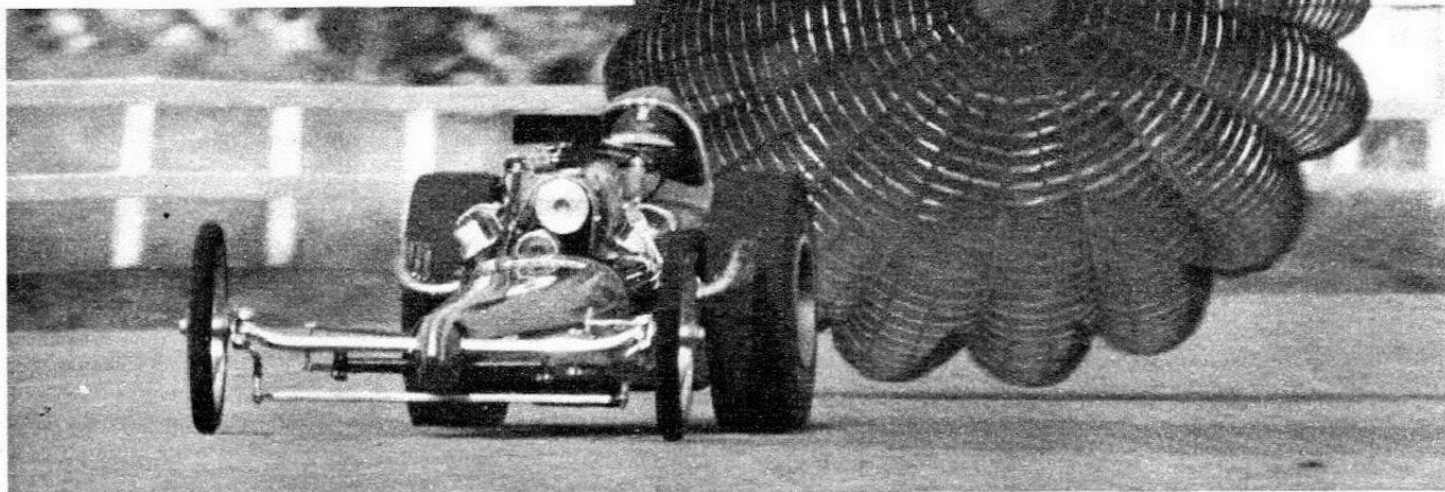


MAGPIE

207 M.P.H... AND NO BRAKES!

YOU may remember that Pete Brady and Sue Stranks presented a genuine dragster racing-car to Tony Bastable during a Magpie programme some while ago. Pete and Sue had learnt that Tony was interested in drag racing. So on his birthday they arranged for *Commuter* to be on the programme. Some birthday surprise!

A parachute billows and *Commuter* slows down—dragster style.



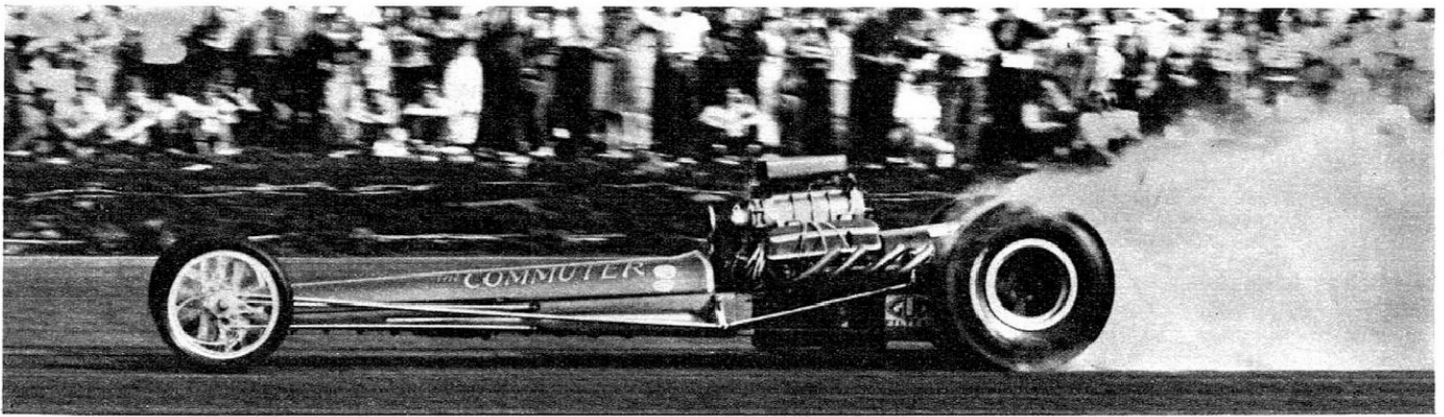
Magpie goes Triking

ON 12th January, something else of a mechanical nature appeared on the Magpie programme. But it was neither as expensive as a dragster nor as powerful. It was a motorised Tricycle—*Ariel 3*, made by B.S.A.

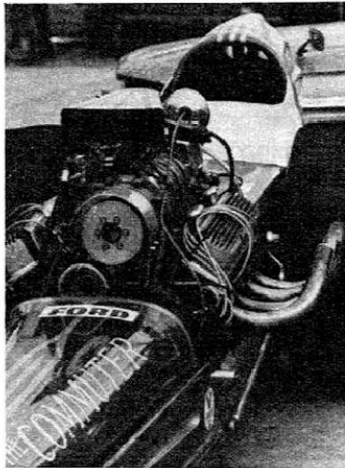
Magpie's presenters thought it would be fun to have one of these extremely manoeuvrable little machines on the programme so they invited actress Denise Coffey along to the studio. You see, Denise owns an *Ariel 3*, and Pete, Sue and Tony thought it would be a good idea to stage an obstacle race—just to demonstrate what a flexible little trike it is.

The race was staged in the car park behind the Teddington studios and as Denise was the only one to actually own a





AS a special birthday treat, the owners of *Commuter* invited Tony Bastable to go to the Santa Pod raceway to watch the fabulous dragster in action. Tony, of course, was very excited about the whole thing and gratefully accepted the offer. After watching a couple of fast runs Tony was satisfied—even though he didn't see any records broken. But, just a few weeks after Tony saw *Commuter*, this sleek racer broke the British Land Speed record—making it a true 'champion' among dragsters.



Commuter has a seven litre engine. It can consume an incredible $2\frac{1}{2}$ gallons of fuel in just $\frac{1}{2}$ seconds!

This particular record used to be held by Malcolm Campbell and it stood at 176 m.p.h. for forty-three years. But, at the Elvington raceway in Yorkshire, *Commuter* reached an incredible 207.6 m.p.h. over the 'flying kilometre'. The kilometre is the distance over which the dragster broke the record and 'flying' means that *Commuter* was already in

motion when it started the kilometre. *Commuter* is now a very famous dragster. But even before it broke any records, it had been exhibited in Sweden and in many European countries.

Drag racing cars are equipped with very wide rear tyres to give them good traction or a good grip on the track surface. The front wheels are small because they bear only ten per cent of the entire weight of the car. Their main function, of course, is *steering*.

Commuter's engine capacity is seven litres—7,000 c.c. In other words, it is approximately *seven times* as powerful as a normal family saloon car. It also has *eight* separate exhausts and no gearbox—the drive shaft is connected straight to the back axle; and believe it or not, but a dragster needs a *parachute* to slow it down after reaching maximum speed!

Well, if the idea of dragster racing appeals to you as it does to Tony Bastable, why not watch these powerful cars perform sometime. The smoke caused by the friction of burning rubber, the noise and the all-out thrilling action is guaranteed to keep you entertained! One point about drag racing is that the cars do not actually go *round* a track as other racers do. They perform over a straight distance—usually a few hundred yards.



trike, the other three had to borrow one each from the manufacturers.

As you can see from the pictures, they all had lots of fun in the obstacle race—with speed fiend Tony Bastable winning the event.

Denise came last in the race but she was unperturbed. She said that she was content just to use her *Ariel 3* as an economical means of getting to work each day. She pointed out that this useful little conveyance can do thirty miles per hour and it only uses one gallon of petrol to do one hundred and twenty-five miles.

If anyone in your family decides to buy an *Ariel 3*, there's an important point to remember. These motorised tricycles are very small—especially when you're surrounded by heavy traffic. So make sure they buy a *crash helmet*, too!

The actual course consisted of a number of strategically placed flags and a few awkward ditches which the 'racers' had to take on before they could win. In fact, there was even a water obstacle to make things more difficult.

Left: Pete and Sue in a duel for leadership. **Right:** The entire field prepare for the obstacle race in the car park behind the Teddington studio!





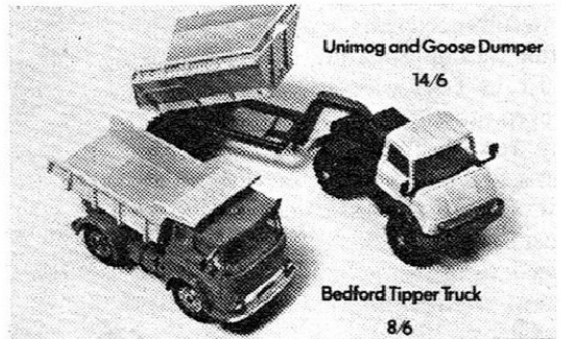
CORGI AT WORK

Ford '5000' Super Tractor
13/11

This Ford 5000 Super Major has a rear mounted trenching bucket that really works! And that's not all. You get a driver, steering wheel control, jewelled headlamps and super-shiny plated exhaust, radiator cap and petrol cap.

Other Corgi "workers" include the marvellous Mercedes-Benz Unimog '406' Goose Dumper with authentic coil spring suspension, rear view mirrors, jewelled headlights and detachable tipping dumper trailer. Also the Bedford Tipper Truck which includes realistic tipping action, spring suspension, wing mirrors, seats and steering wheel.

Corgi gets the work done!



Unimog and Goose Dumper
14/6

Bedford Tipper Truck
8/6

CORGI TOYS METTOY PLAYCRAFT

A&BC FOOTBALLER COMPETITION

FOOTBALLER

Look - HUNDREDS of full size Real Leather FOOTBALLS TO BE WON!

PLUS - THOUSANDS OF FABULOUS FOOTBALL PENNANTS OF YOUR FAVOURITE FIRST DIVISION TEAM

HOW DO YOU ENTER? easy, just complete the Footballer Quiz correctly and send your entry plus 4 A. & B.C. FOOTBALLER BUBBLE GUM wrappers to us at the address on the entry form. You can enter as many times as you like and your entry coupon already counts as 1 FREE WRAPPER.

- RULES: 1. Last entries must be received by first post Monday 15th March 1971.
 2. All entries must be accompanied by four (4) wrappers of A. & B.C. FOOTBALLER BUBBLE GUM 1970/71 series. Entries may be on plain paper.
 3. The first two hundred correct entries opened on 16th March 1971 will receive a first prize of a football. The next two thousand correct entries opened will receive a prize of a football pennant.
 4. Entries must be completed with a ball point pen.
 5. A. & B.C. FOOTBALLER Competition is open to anyone resident in the U.K. except employees and their families of A. & B.C. CHEWING GUM LTD., their advertising agents or anyone connected with the competition.
 6. The decision of the judges will be final and no correspondence can be entered into.

A&BC FOOTBALLER QUIZ

PLACE TICK IN BOX BY CORRECT ANSWER

1 Which country won the 1970 World Cup	West Germany
	Brazil
	Russia
2 Who was the footballer of the year in 1970	Billy Bremner
	Geoff Hurst
	George Best
3 Who is England's Team Manager	Tommy Docherty
	Sir Alf Ramsey
	Don Revie
4 How many teams are there in the English 1st Division	16
	22
	34

FILL IN THE FORM BELOW AND SEND YOUR ENTRY WITH FOUR WRAPPERS FROM A&BC FOOTBALLER BUBBLE GUM

To: FOOTBALLER COMPETITION, A. & B.C. CHEWING GUM LTD., HAROLD HILL ESTATE, SPILSBY ROAD, ROMFORD, ESSEX.

Name: _____ Age: _____

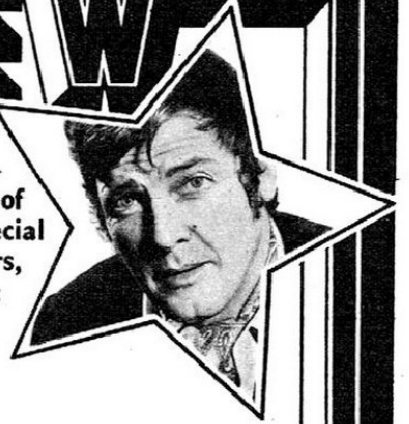
Address: _____

favourite 1st. Div. team _____

COUNT THIS COUPON AS ONE WRAPPER

YOUR VIEW

ROGER MOORE, TV's famous Simon Templar—alias The Saint—selects this week's letters from the LOOK-IN Postbag. The sender of each letter published receives a £1 postal order—**together with a special signed photograph of Roger Moore.** Send your interesting letters, drawn cartoons, grouses, or anything else you want to talk about to: **Your View, LOOK-IN, 247 Tottenham Court Road, London W1P 0AU.**



A Future Feature

All our school are absolutely potty over 'Timeslip'. The girls are going for Simon Randall and the boys, for Liz. They are all too shy to write in and ask you for pictures and facts on these two stars and so pushed the task on to me. Is this possible?

**Carole Lewin,
Sacriston, Durham.**

★ *Nothing's impossible, or so they say, Carole. And just to prove the point, the Editor has confirmed that he intends to tell you all there is to know about the time-travellers very soon. In fact, just as soon as they return from the future!*



I think LOOK-IN is absolutely great. My favourite programme is 'Timeslip'. I'm so glad you have it in LOOK-IN. How old is Cheryl Burfield?

**Eden Endfield,
South Kensington, London.**

★ *Eighteen years of age, Eden. Watch out for that forthcoming feature if you want to discover anything else!*

'Look-In' Good!

I am one of your greatest fans. Although your magazine is a new one, what I have read already makes me certain that this is going to be one of the best publications around. It is a great idea having ITV programmes in LOOK-IN and there are super features in LOOK-IN, too!

**Fiona MacLeod,
Dundee, Angus, Scotland.**

★ *Here's an extra word of encouragement about what's to come, Fiona. The Editor says 'Keep looking at LOOK-IN', you've seen nothing yet!*

For Sale

My dad was planting some seeds in our garden. My brother came up to him and said, "Why don't you grow a house? I saw a notice in the village shop saying 'House Plants for Sale!'"

**Christine Gibson,
Newcastle-Upon-Tyne.**

Poetic Plea

I'd like to get a poem,
On your pages full of fun,
I've tried to think up riddles,
But by me that can't be done.
We've a dog, three cats and tortoises,
And lively goldfish, too,
We're going to get some gerbils,
It's very like a zoo!
If you like this poem,
And you've room upon your pages,
Please put it in your magazine,
For writing it took ages.

**Patricia Dear,
Brightmet, Bolton.**

★ *No sooner said than done!*

Never a Crossword!

Since I first read your magazine, I have ordered it every week. There's just one thing I'd like to ask. Could you please put a crossword or a puzzle page in every week, plus some jokes and, or course, competitions.

**Susan Tomlinson,
Marlow, Bucks.**

★ *We're all in agreement over the crosswords—as you'll be able to see very shortly for yourself in LOOK-IN. Talking of competitions, did you enter for the Aladdin Competition in Issue No. 4?*

Kitten-Catching!

One dark and rainy night, I looked out of the kitchen window and saw a little kitten peep round our fir tree, in the garden. I did not think any more of it, until I heard a scratching at the back door.

I went and opened it and there stood the little kitten. So I took it inside and gave it some milk and meat. In the morning, I went up the road to see whether there was any notices in the shop window, about a lost cat. Sure enough, there was! I soon returned the kitten to its owner, who was very pleased to see it back.

**Anita Wheatley,
Solihull, Works.**

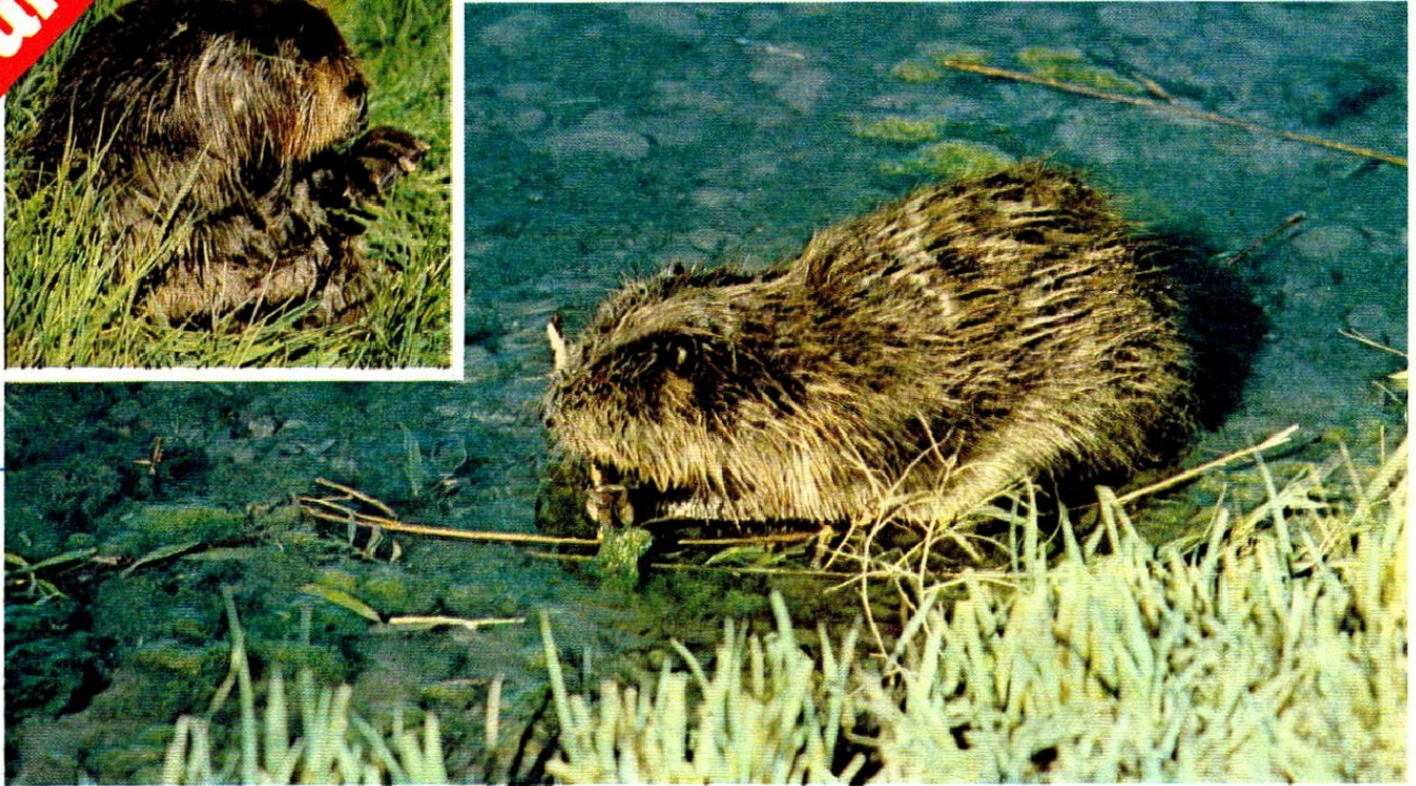
★ *Well done, Anita. Seems you're a bit of a 'saint' yourself! I thought the other readers might be pleased to see this picture of a cute little kitten.*





A BEAVER settles down to groom himself (left). To ensure he makes a good job, he uses his built-in 'combs'—two divided nails in his webbed feet.

TREES not only provide beavers with material for building dams and 'lodges' but also are their main supply of food. Their favourite is aspen.



In this second of four articles by Colin Willock . . .

BEAVERS GO BUILDING

THEY SAY THAT THE BEAVER IS ONE OF THE BEST DRAINAGE ENGINEERS IN THE WORLD—INCLUDING MAN. Certainly, when it comes to building dams he takes a lot of beating. Some people even believe that beavers are super-intelligent and work out their engineering projects logically.

I'm afraid the truth is that beavers work by instinct. Reason doesn't enter into it. They just build dams compulsively. Sometimes they even build them in the wrong places. They've been known to erect a hundred-yard-long dam when, if only they'd looked round more carefully, they could have done the job equally well with a twenty-five-yard dam a few paces downstream!

What they do is pretty wonderful, all the same. Why should they want to stop the flow of a river? There's a very sound reason for all this eager beavering.

First they want to create a deep, still pool where they can live in safety. After they've finished the dam, they build their 'lodge' of logs and mud in the centre of the beaver pond. Since the entrances are all underwater, it's like having an impregnable castle with a deep moat around it.

It is practically impossible for enemies—apart from the occasional otter which may try to steal a beaver baby—to

attack them. A beaver lodge is so firmly cemented together with mud and sticks, that even a grizzly bear can't break in from outside.

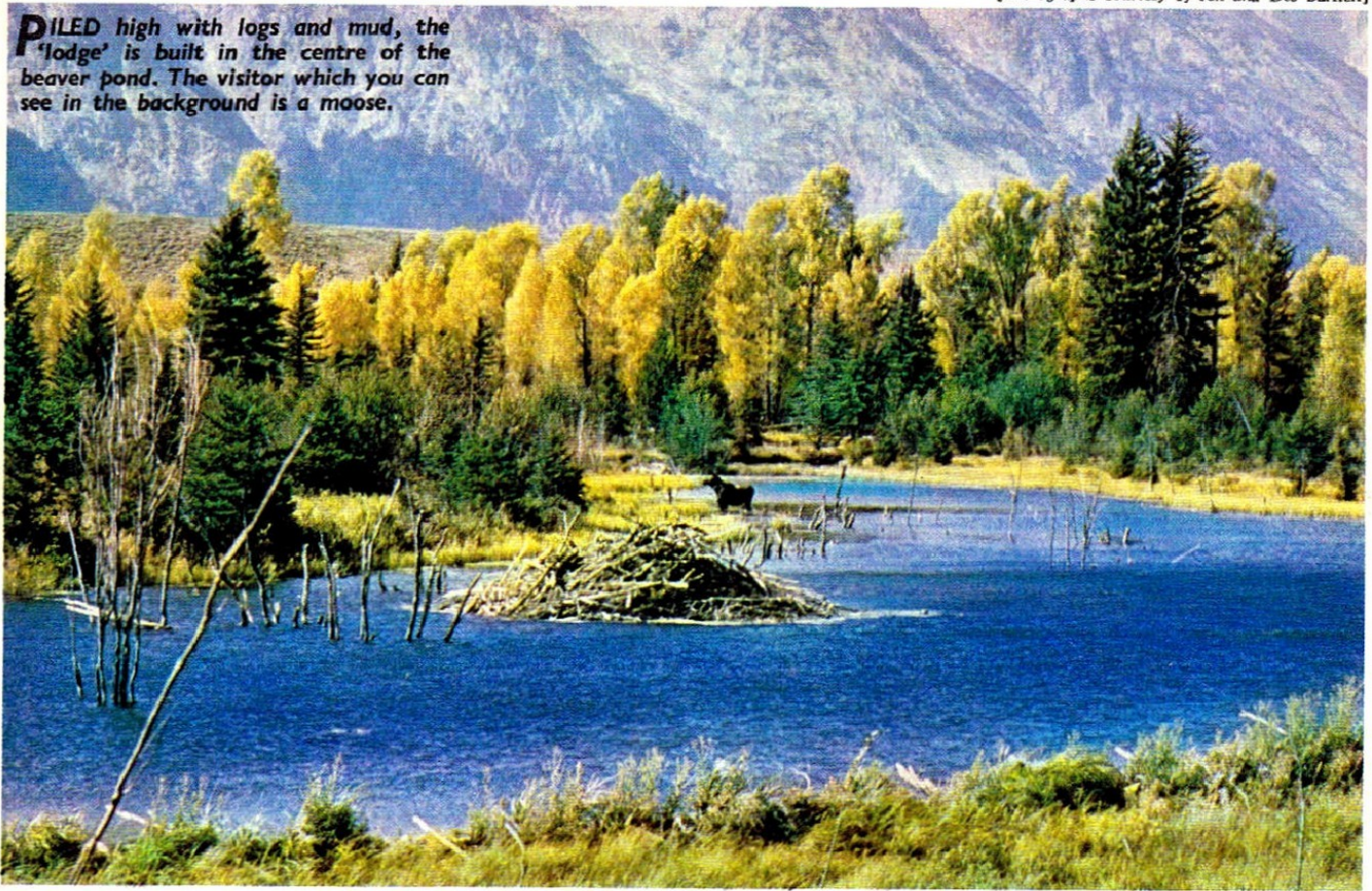
Beavers do all this work with their front paws and sharp front teeth. They cut down the trees they need with their teeth and then 'saw' them up into logs. A three-inch tree comes down in about ten minutes. Smaller branches are simply snapped off straight away.

Beavers begin their dam by piling stones on the river bed,

A beaver swims towards his dam to make a routine inspection.



PILED high with logs and mud, the 'lodge' is built in the centre of the beaver pond. The visitor which you can see in the background is a moose.



An inquisitive little skunk investigates this beaver dam.

raise the level of the dam to flood a wider area or build canals hundreds of yards long to reach new timber.

Man is usually grateful to beavers. Luckily the timber they eat is the kind of wood foresters don't value highly. Beaver ponds conserve water where it's most needed. They also prevent mountain rivers from dashing to the sea at lightning speed and causing erosion in the process.

Beavers benefit more than man. They help other wildlife to exist in a more comfortable manner—wildlife such as the Trumpeter, the largest of all the wild swans in the world—once in danger of extinction.

The beaver's work also provides conditions which create algae and food for other creatures so that the beaver ponds become the homes of many reptiles and insects.

In next week's fascinating article, I will be telling you exactly how the beaver helps his neighbours.

carrying them between body and front paws. Then they ram branches into the mud and pile more stones, mud and branches on top. Sometimes their handiwork floods a road or railway by mistake. A beaver dam is so strong that when it has to be demolished it usually takes dynamite to break it down. Beavers patrol their dams regularly and at the first sign of a leak or break, the whole family goes to work to repair it.

The dam has another purpose. Beavers feed on bark, twigs and leaves so they always need to fell new timber—aspens are their favourite. Trees take a lot of dragging, even for a strong animal like a beaver. It's far easier to ferry them in water. This is where the pond helps. And, when they've cut down all the trees round the pond, they either

Below: An artist's impression of a beaver's lodge. Several beavers spend many weeks building the lodge which is made of sticks, and held securely together by mud and stones.



WRECKERS AT DEAD EYE

ESCAPING FROM THE FRENCH REVOLUTION, THE YOUNG MARQUIS DE MIRABEAU IS SHIPWRECKED OFF THE HEADLAND KNOWN AS DEAD EYE. A SMUGGLING GANG LED BY EYE-PATCH STEALS A MAP WHICH SHOWS THE WHEREABOUTS OF THE DE MIRABEAU JEWELS, AND WHEN STABLE-LAD ZAG AND CAP'N SHADRACH GIVE CHASE...

WHITEY 'ERE SAYS THAT THE JEWELS ARE 'IDDEN SOMEWHERE IN THE WRECK, CAP'N. I FEAR WE MAY BE TOO LATE!

NAY, LAD! EYE-PATCH AN' HIS CUT-THROATS COULDN'T HAVE REACHED THE SHIP UNTIL LOW TIDE. TIE THAT VILLAIN UP AND LET'S KEEP GOIN'!

MINUTES LATER, OFF DEAD EYE...

THERE THEY ARE, BY THUNDER! STILL ON DECK!

HAVIN' TROUBLE DECIPHERIN' THE MAP, I'D SAY. SNEAK OUT UNSEEN, AN' WE'LL TAKE 'EM BY SURPRISE!

DOWN BELOW, EYE-PATCH TWISTS THE TWO HALVES OF THE MAP THIS WAY AND THAT. THEN...

GOT 'ER, ME, HEARTIES! 'TIS A DRAWIN' O' THE MAST. THEM GEMS BE HIDDEN IN A SECRET COMPARTMENT UP ALOFT!

WELL SAID, YOU SCURRY ROGUE-- THAT'S ALL WE WANT TO KNOW...



... BECAUSE NOW WE'RE HERE, YOUR FILTHY HANDS WILL NEVER TOUCH THAT LOOT!

HIT 'EM HARD, LAD! SPIT 'EM LIKE THE BILGE RATS THEY ARE!

GNNNG!

HAAAH! NOW FOR EYE-PATCH, WHERE IS HE?

SWARMIN' UP ALOFT, BY GLORY!

... HE'S GOT THE JEWELS!

ROIGHT FIRST TIME, ME BUCKOS... AN' ANY MINUTE NOW, O'LL BE CLEAN AWAY. HAAAR, HAAH, HAAH!

EYE-PATCH SWINGS WILDLY ON A REMNANT OF SAIL, AND NEXT MOMENT...

STAP ME LIVER AND LIGHTS, BOY, HE'S JUMPED CLEAR. A SHORT SWIM TO DEAD EYE AND HE'S SAFE!

NOT YET, CAP'N... GIMME THAT PISTOL!

CAREFULLY, ZAG TAKES AIM AT THE TREACHEROUS, CRUMBLING ROCKS ON THE ARM OF THE HEADLAND. AND...

SPAN-N-GG!

GOT 'IM, BY THUNDER, THE VILLAIN'S OUT COLD! LET'S PICK UP THE PIECES, CAP'N... AND THOSE JEWELS!

GAAAGH!

BY NOON, IT WAS ALL OVER... AND THE DE MIRABEAU FORTUNE IN THE HANDS OF ITS RIGHTFUL OWNER...

I CAN ONLY THANK YOU, MES AMIS, FOR ALL THAT YOU 'AVE DONE, NOW PERHAPS I CAN LIVE PEACEFULLY IN YOUR FAIR AND PLEASANT LAND!

AYE, THAT YOU CAN, SIR! FAR MORE PEACEFULLY THAN EYE-PATCH AND 'IS CUT THROATS WILL BE LIVING... IN THE CELLS OF NEWBOLT PRISON!

TONY BASTABLE'S BACKCHAT



D-Day

Next week, a part of the British way of life disappears forever.



MATHS classes from Stoke to Sudbury will breath a sigh of relief. After a while, shopkeepers will find their whole accounting systems much easier to work. Businessmen will wonder how they ever managed before. The world, in fact, will smile.

But *I* shall be sad. Because, as you probably must have realised, on 15th February Britain's currency goes decimal. For the next few months we shall puzzle over these new-fangled coins and amazing prices whenever we want to buy anything—but in the end we shall have to admit that the new decimal system is no doubt easier to work.

Though *I* still won't be any happier. The fact is, I don't like decimal currency, and I do have more than an old-fashioned regard for our old pennies, sixpences, threepenny bits and halfpennies. I like them simply because our currency *is* so ridiculous. After all, who else but the English could devise a system based on *twelve* pence to the shilling

and *twenty* shillings to the pound? Who else but us could concoct such a strange sum as one guinea? What's more, who else but the mad English could saddle themselves with such a system and then make it *work so well*, for so long?

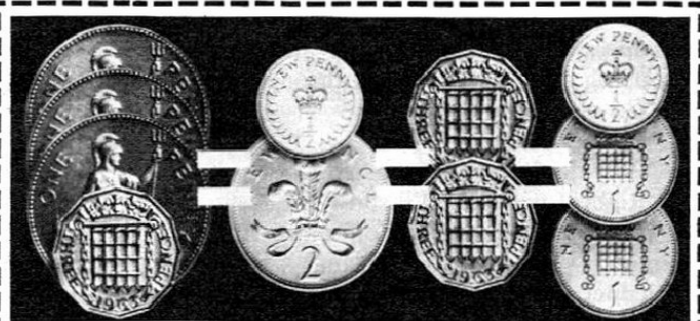
If you want to know the truth, the old currency wasn't devised by some nameless committee. It grew over the years, and was changed and modified slowly to suit our purposes.

So on 'D'-day, shed a silent tear with me for the passing of the English Penny. It may not have been as bright as silver, but I, for one, was fond of it.

As it will be difficult to carry on with good old £-s-d after D-day, I asked our artist to design a special conversion table to change old pence into new coinage. If you cut round the edge of the 'table' shown below you can stick it on to a piece of card and it will make a good portable guide to the currency changes. Also cut around the coins, and stick them on to the *back* of the card and you'll have your own 'coin identifier', too!

Your Look-in Decimal Converter

1d	½p	9d	4p	5/-	25p	13/-	65p
2d	1p	10d	4p	6/-	30p	14/-	70p
3d	1p	11d	4½p	7/-	35p	15/-	75p
4d	1½p	1/-	5p	8/-	40p	16/-	80p
5d	2p	1/6	7½p	9/-	45p	17/-	85p
6d	2½p	2/-	10p	10/-	50p	18/-	90p
7d	3p	3/-	15p	11/-	55p	19/-	95p
8d	3½p	4/-	20p	12/-	60p	20/-	100p



D-Day Stamps

Like Britain, many 'British Colonial' territories are going decimal. Some countries, like St. Helena, have continued present designs but altered the values. Others, such as British Antarctic Territory, Tristan da Cunha and South Georgia have used overprinting.

This means that currency denominations shown on

the stamps are cancelled by the overprinted new decimal values.

To commemorate decimalisation, the Post Office has designed a special 'first days of issue' envelope, and the new D-Day stamps of Britain will be on sale from Head Post Offices in special presen-



tation packs at a cost of 50p. In addition to being a novelty, these packs are obvious collectors' items.

Field Laugh!

I asked you for awful jokes, following the Christmas Cracker episode in my very first Look-In page. Andrew Connor of Silkstone Common, near Barnsley, writes:

Sign on farmer's field: 'If you think you can cross this field in nine seconds—forget it. My bull can do it in exactly eight seconds flat.'

STARTS TODAY, the exciting story of the journey of a narrow-boat racing against time along the forgotten waterways between North Wales and London.

THE FLOWER OF GLOSTER

The Flower of Gloster is based on the Granada Television series and adapted from the book by Bill Grundy, published by Rupert Hart-Davis, price £1.50.

PART I: THE ACCIDENT

Panic-stricken

THE fisherman looked up. One hundred and twenty feet above him Thomas Telford's aqueduct cut across the sky and on it, tiny in silhouette, a group of children sat on bicycles, like circus performers on a high wire. The fisherman had seen them before; they'd been up there all morning, enjoying themselves in the sunshine. So, with a light shrug, he went back to his fishing.

The only sounds were the sound of the river, the busy quietness of the countryside, and the children's voices dropping down towards him through the still summer air.

"Go on. I dare you."

"I'm not scared."

"Why don't you do it then?"

"Right, I will then. I'll show you."

The four children set off along the narrow towpath alongside the Llangollen canal across the Pontcysyllte aqueduct. To the right, the huge drop down to the River Dee; to the left, the cold waters of the canal. In front, tall fifteen years old and scruffy, Glyn Evans raced along, holding his hands high in the air to show off.

Behind him hanging on the saddle-bag, ran his sister Meg, small, chubby, and red-haired. A few yards further back, Liz Doherty, thirteen years old, a determined look on her face, pedalled furiously after them. And last of all, wobbling dangerously, came her brother Mike, ten years old, freckled face, fair hair cut in a fringe, legs pumping up and down and stockings sagging round his ankles as he tried desperately to keep up across the aqueduct.

As they got near the Trevor end of the towpath, Liz turned to see how her brother was getting on.

She was just in time to see him in a wobble that was clearly out of control. Panic-stricken, Mike's legs left the



pedals, the front wheel hit a grid cover in the middle of the towpath and kicked over sharply to the left. A split second later, Liz was horrified to see her brother and his bike hang in the air for a moment before arching in a beautifully neat nosedive into the dark water of the Welsh canal.

The Surprise

IN the cool shade of the dry-dock shed of the boatyard at the end of the aqueduct, two men were busy attaching slings to a brand-new diesel engine. Behind them chocked upon timbers, was the *Flower of Gloster*.

Seventy-two feet long, seven feet wide, the *Flower of Gloster* was beautiful. An old canal narrow-boat, for years used only for carrying coal, she had just been converted. A long, lean, flat-topped cabin now stood amidships where cargo was once piled high. Outside the cabin was painted in the traditional canal-boat style, rich in castles and roses. The castles with their towers and minarets looked Middle European; proof, some say, that the first canal folk were really gypsies who had taken to the water.

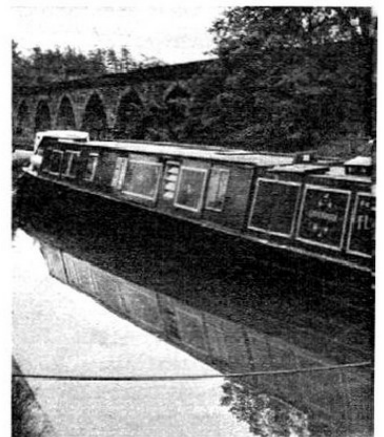
If the outside was centuries old, inside the *Flower* was beautifully up-to-date. Stainless steel sinks, a bathroom and a shower, a wardrobe and a water-heater, cupboards for clothes and bunks for eight, she was the pride and joy of Jim Doherty, the owner of the boatyard, who was just coming to the end of the long job of converting her.

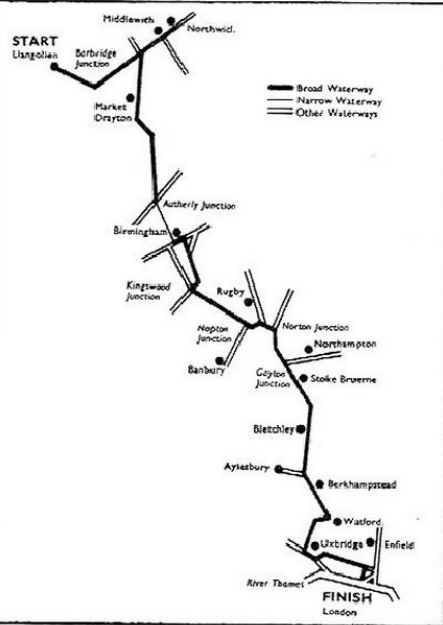
As he and Pete fitted the last slings under the engine, Jim couldn't resist a smile at the thought that *Flower* would soon be ready for off.

"Wait till Dick sees this lot," he said to Pete.

Pete, a little thin Welshman, nut-brown and wrinkled, smiled back and said, "Shouldn't be long, I just seen the van drive past the workshop."

A moment later Jim's son Dick came into the shed,





wiping his hands on a rag. He stopped and stared at the brand-new diesel engine. "What's this then?" he asked, looking first at his Dad and then at Pete. "Did the distributors give you credit, Dad?"

"Yes," Jim said, "because we've got a buyer for the *Flower of Gloster*. Fellow called Newell. He saw the advert in the paper and came and had a look at her two or three days back. I didn't let on to you in case the deal fell through. But it hasn't. He looked old *Glossie* over, and he liked her . . ."

"He's a fool if he didn't," Pete put in.

"But the snag is she's got to be delivered to London, which gives us just under a fortnight to get her ready and sail her there."

"Cor!" said Dick thoughtfully. "That's going some."

"That's why the sooner we get this engine in the better," said his father. "Come on, give me a hand."

The engine rose clear of the dock and Pete started to travel the chain blocks along so that the diesel would be in position over the engine housing, ready for lowering into place. Jim gave the underside of the slings a last check and glanced up at Pete.

At that moment with the engine directly above Jim, something happened. The blocks spun wildly round, the chain raced through them, and as the engine started dropping rapidly down, Dick screamed to his father to get out of the way. But as he did so, Jim tripped, fell, and gave a great shout of agony as the engine crashed down, pinning him by the leg to the floor of the dock.

Rescued

BACK on the aqueduct, Liz went flying along the towpath to the spot where Mike had gone in. The ripples were still spreading out, but as she got there,

a blond head began to appear above the surface.

Liz was already down on her knees, grabbing him by the tee-shirt to help him out. "Come on," Liz said. "Let's get back to the boatyard."

With Mike on the back of her bike, Liz cut round the rear of the shed, and rushed Mike up the steps to the loft.

"Here you are," she said, giving him a sheet of rough canvas. "That'll do for now. You stay here and I'll go and get you some pants and another shirt."

Liz soon returned and handed Mike a striped tee-shirt and a pair of old jeans. "Now get back and find that bike," said Liz.

Five minutes later he was trudging along the aqueduct towpath, poking a boat-hook into the black water and prodding around hopefully. It took a long time before he finally hauled the machine on to the towpath.

"Just look at it," he muttered. "I'll never get it clean."

Too Young

THE boatyard was quiet in the early afternoon sunshine when Mike eventually pushed his bike into the shed and shouted up the steps to the loft after Liz, but as he got no answer he trudded out towards the dry-dock where he knew Dad had been working.



But Dad wasn't there. Liz was, though, with Dick.

"Now don't get upset, Mikey," Dick said gently. "Dad's had an accident. He's broken his leg. He's in hospital. Won't be out for a week or so. Auntie Gladys is coming over to look after you while we're away."

"While you're away? Why, where're you going?"

"We're off along the Cut, Liz and me," Dick answered, "because dad's just got a buyer for the *Glossie* here."

"Aw, let me come too," Mike pleaded.

"No," Liz said severely. "Dick says you're too young."

Just after nine o'clock that evening, Liz and Dick had loaded all the gear aboard the *Flower of Gloster*.

"I thought we were going to have a new stove," Liz said.

"We are, but we've got to go to Northwich for it. They can't deliver one until the day after tomorrow, so it's quicker for us to go and collect it ourselves."

Mysterious

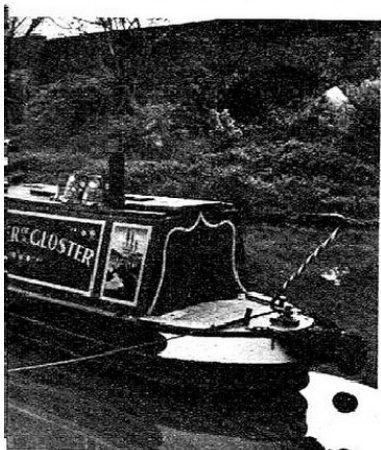
AT that moment they heard the sound of a diesel engine. Dick looked up and saw another narrowboat moving towards the aqueduct. "Hello, it's the Evanses. Wonder where they're off to?"

"To London to sell the *Valiant*, they think," said Pete. "They've been very mysterious all today. Can't think what they're up to, but nothing good I'll be bound."

Liz hoisted her bike on to the flat top of the cabin, Pete cast off the lines fore and aft and Dick started the engine. Slowly the long slim length of the *Flower of Gloster* moved out into the middle of the water.

The voyage of the *Flower of Gloster* had started.

Next week: Locks and things.



TIMESLIP

LIZ SKINNER AND SIMON RANDALL HAVE THE INCREDIBLE ABILITY TO PASS THROUGH THE INVISIBLE TIME-BARRIER, MOVING BACKWARDS OR FORWARDS THROUGH THE AGES. AFTER AN ADVENTURE MILLIONS OF YEARS IN THE FUTURE, THEY ARRIVE IN AN ERA STILL AHEAD OF THEIR OWN TIME—AND RUN STRAIGHT INTO TROUBLE...

AAAGH!

THOOOMMM

FRANTICALLY, LIZ AND SIMON STRUGGLE— BUT IT IS USELESS...

WHAT IS IT? WHAT'S GOING TO HAPPEN TO US?

MY WRIST! IT'S SQUASHING MY WRIST...

THE 'THINGS' SEEMED TO BE SOME KIND OF MECHANICAL 'WATCHDOG' GUARD...

IT...IT'S DRAGGING US INSIDE!

SILENTLY, THE ENTRANCE SLIDES CLOSED— TRAPPING THEM...

SIMON! WE'VE GOT TO GET OUT!

BUT THERE'S NO WAY! THE DOOR'S JUST... **DISAPPEARED!**

LUGH!

SOME FIFTY FEET BELOW THE SURFACE THE FLOOR-LIFT STOPS...

SUDDENLY— THEY REALIZE THE FLOOR IS SINKING!

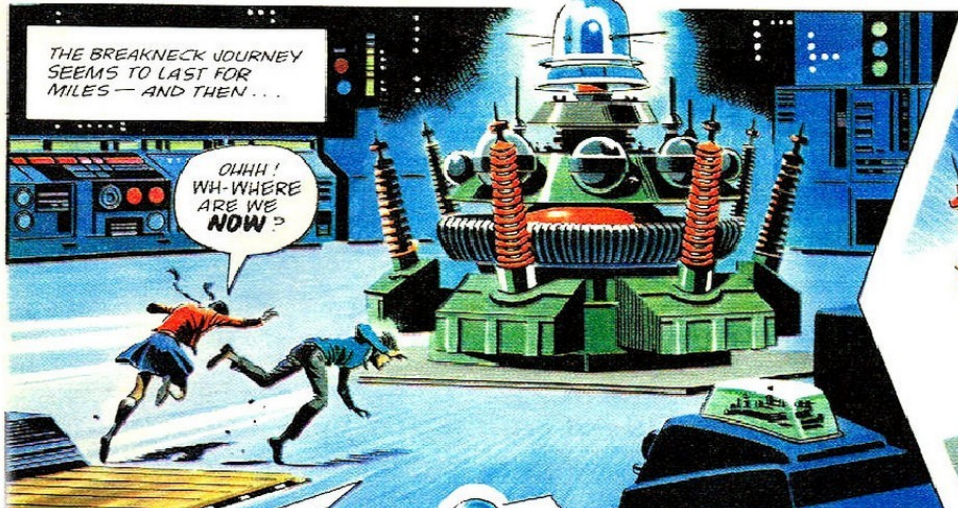
WHY DID WE HAVE TO LAND HERE? **WHY?**

STEADY, LIZ! WHATEVER'S GOING ON, THERE'S NO USE GETTING IN A PANIC...

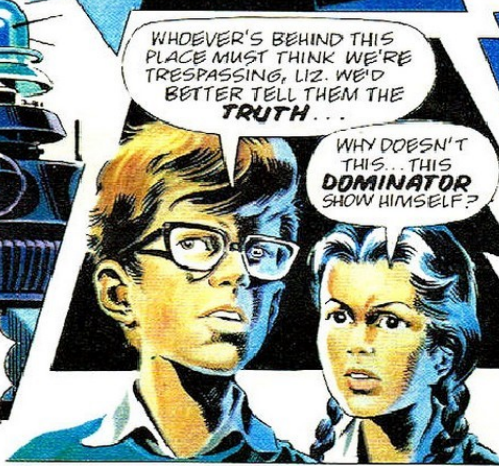
A MOVING WALKWAY—I DON'T WANT TO GO ON IT, SIMON...

THERE IS NO CHOICE! MECHANICAL 'HANDS' PROPEL THEM FORWARD—AND THEN THE WALKWAY **GATHERS SPEED!**

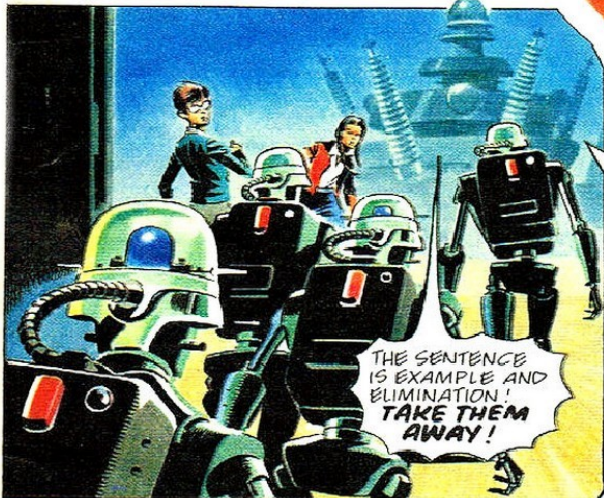
HECK! HOLD ON, LIZ! IT'S GOING LIKE THE WIND!



A RASPING, METALLIC VOICE BREAKS THE SILENCE — SO SUDDENLY THAT LIZ AND SIMON JUMP!



THE WHIRRING OF DOZENS OF COMPUTER REELS FOLLOWS — AND LIZ'S WORDS ARE WHISPERED BACK, LIKE AN ECHO ...



Next Week: Liz and Simon face a firing-squad!

School for Jockeys



Richard Davies talks to top racehorse trainer, Toby Balding

THE shrewd eye of successful trainer, Toby Balding, watched a string of thoroughbred racehorses parade around his Wiltshire stables. Toby, who owns horses as well as trains them, has produced many winners—including the 1969 Grand National victor—'Highland Wedding'.

As you can imagine, Toby's horses are worth thousands of pounds—and that's why they have to be looked after by responsible people. This important job is given to the twenty apprentices and stable boys who 'live-in' at specially-made quarters within the stables. The apprentices, who want to become future jockeys, come straight from school and they grow to love the horses. They receive no wages—but to make their off-duty hours more enjoyable, they are given



Early morning at the Toby Balding stable. The stable lads get to work.

thirty shillings a week pocket-money to buy a few 'extras'.

I asked Toby how hard his boys worked, and this is what he told me: "They are up at seven o'clock in the morning—earlier in the summer time. Their first task is to clean out the stables, and brush and feed the horses before breakfast. Afterwards, they take them up to the gallops. This is called

'riding out', and for the lads, it's the best part of the day.

"When lunch is over, they have a couple of hours rest and then it's 'evening stables'. Again, it's mucking out, brushing and feeding the horses. Their tackle must be cleaned and a fresh layer of straw placed in the stablebox." Toby continued: "I make my daily inspection between 5.30 and 6.30 and let the lads off at seven o'clock."

A stable boy's job is a dirty one and a tiring one—but it can prove very rewarding. If an apprentice shows promise, he may be called upon to ride in a race for the 'Master'. But remember, it's hard work to become a top jockey!

A HAPPY RETIREMENT

Two years ago, 'Highland Wedding' won the toughest race in the world—the Grand National; and certainly he is a remarkable horse. Once he opened a summer fete and was even the guest at a wedding (a very fitting ceremony for someone of his name). Now, he is enjoying a quiet retirement in Canada, and in this picture you see him with



another famous horse—'Canadian Club'—who helped Canada win a show-jumping Gold Medal in the Mexico Olympic Games (right).



☆ Star questions to Roger Taylor ☆

From Faith Eide of Cheltenham:
Question: What does your diet consist of?

Answer: I don't worry too much about diets—just not much liquids and plenty of steaks!

From Crispin Braund of Beckenham:
Question: How many years do you expect to remain at the peak of your class?

Answer: I think, perhaps, that I reached my peak about four years ago. But I hope to have at least another six years in the game.

Senders of the Star Questions above will each receive a £1 postal order. Next week, Henry Cooper answers some Star Questions.

International Sports Special

A World Championship fight is always a big occasion for the sporting world—particularly when it involves a British boxer. This Saturday, the young Scot, Ken Buchanan, fights Mando Ramos in Los Angeles. Television pictures will be sent from California to New York, then beamed to the satellite 22,000 miles above the earth, back to Goonhilly Down and via our studios to your screens. It's an exciting journey and I forecast an exciting fight. Let's wish Ken all the very best in this important contest!





Meet the How! programme panel. From left to right they are Buntly James, Jack Hargreaves, Jon Miller and Fred Dinenage. Once again, these four experts are all set to give you some more fascinating facts and fun.

HOW do we get the phrase 'Gone for a Burton'? asks Nina Stewart, Connah's Quay, Deeside, Flintshire.

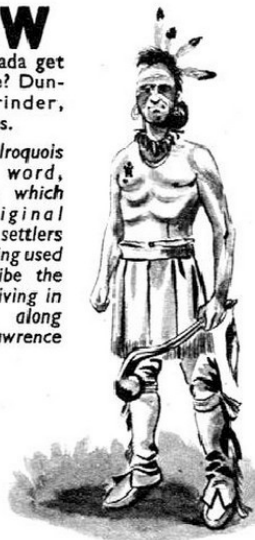
This saying dates back to the Second World War, though oddly enough, no one is quite sure how it started. It means that someone is dead, or that something is out of action, like a broken-down TV set. It was used in the Royal Air Force, and the most probable explanation is this:—

In the early part of the war, RAF aircrew wireless operators did their training at Blackpool, and their Morse Code tests were held in a room above the local 'Burton' men's outfitters. Their further training depended on these tests, and anyone who failed was said to have 'gone for a Burton'. Soon it became another way of saying 'gone West'—being killed—and the saying spread outside the RAF.

HOW

did Canada get its name? Duncan Trinder, Dumfries.

From an Iroquois Indian word, *Kanata*, which the original French settlers heard being used to describe the Indians living in villages along the St. Lawrence River.

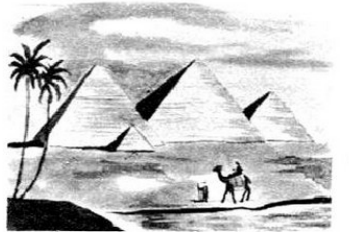


HOW does the Aurora Borealis take shape? Gillian M. Dawkins, Westend, Southampton.

The Aurora Borealis, or Northern Lights, is a thrilling display of coloured lights, mainly red and green, that can be seen in the north polar regions. They are probably formed by electrified particles from the sun, which are attracted to the magnetic pole, and they are most clearly seen when sun spots appear.

HOW were the Pyramids built? Brian Creely, East Riggs, Annan.

These gigantic tombs of the kings of ancient Egypt were constructed by men who had no wheels or horse-drawn transport. Marvels of mathematical design and engineering, they were built from about 3,000 B.C. by gangs of workers who raised and carried great blocks of stone with



nothing but levers, rollers, sledges and human toil and effort to help them. They took years to complete.

Legend has it that oppressed slaves were used. Actually, the workers were probably peasants who worked during the annual 3-month Nile flood. There were also skilled workmen on the job all the year, who cut stone amazingly accurately using only copper tools. For actually lifting the stones into place a sloping embankment of earth and brick was probably raised alongside the growing pyramid.

HOW long did it take to build the Empire State Building? asks Michael Reilly, Bradford, Yorkshire.

Nineteen months from October 1st, 1929, when demolition of an old building commenced, to March 1st, 1931. It is the tallest inhabited building in the world. It is 1,250 feet high, and also has a 222 foot TV tower.



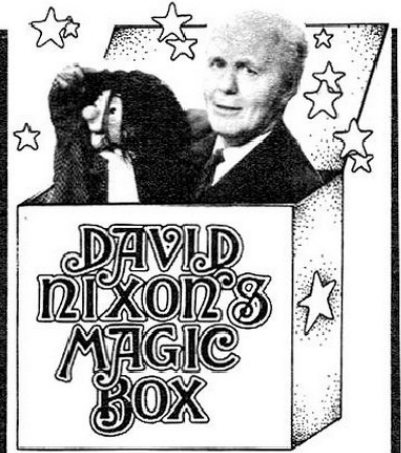
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Win the book of your choice

If you haven't already written into the How! team of experts with a question you would like them to research and answer—why not do so now? Remember, if it is published you can choose a colourful **HAMLYN BOOK** to the value of £1 from their latest catalogue. Write to: **HOW! Look-In**, The Junior TVTimes, 247 Tottenham Court Rd., London W1P 0AU.

PLEASE SIR!





THINGS which balance in a peculiar way always have a fascination for me. Here's one of my favourite tricks...

The Balancing Bat

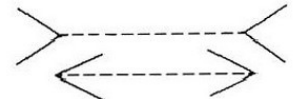
Carefully copy the shape of this bat on to a THIN piece of card, about five inches wide. Then you must fix a sixpence (or metal washer of about the same size) on to each of the wing-tips, using glue or adhesive tape. The circles marked on the illustration below will show you where. Also glue a match or cocktail stick along the dotted central line.



Now, if you rest the bat's nose on your fingertip, you will find that it will balance there—apparently defying all the laws of gravity!

Dotty Lines

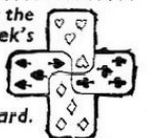
Can you believe your eyes? Take a good look at the two dotted lines below.



Which one is the longest? Many of you will say that they are both the same length. But this is not the case, because although the top line LOOKS longer, it is actually the BOTTOM line which is the longest.

Teaser Time ★★★★★★

The picture shows the answer to last week's teaser. The four 'fives' are arranged so that only four pips show on each card.









FOR this week's teaser, you will need six matches. The problem is to arrange them so that each match is touching the other five. Try it—you'll find it's harder than it sounds!

Lookin on your ITV programmes this week: Feb 13 - 19

WHILE we're talking in magic circles, this week, *Flying Kitchen*. This amazing juggler from Hamburg will David Nixon's Magic Box programme will be perform incredible balancing feats with many usual kitchen full of surprises on Monday evening. Number utensils. And there'll be the 'Duo de Mille' husband-and-wife team who will offer more excitement—plus, of course, Jimmy Logan will also be there, along with Tux and his the mar-of-magic himself David Nixon!



	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
ANGLIA	 12.50 World of Sport 5.10 Stewpot 5.50 The More We Are Together 6.20 The Sky's the Limit 6.45 Leslie Crowther	1.00 Play Better Tennis 3.00 Barefoot in the Park 3.25 Match of the Week 4.40 The Golden Shot 5.35 Catweazle	4.30 The Romper Room 4.50 Felix The Cat 5.10 Timeslip 6.40 David Nixon's Magic Box	4.35 The Magic Ball 4.50 Junior Showtime 5.10 Magpie 7.00 The Tuesday Comedy	4.30 The Romper Room 4.50 The Sooty Show 5.10 Freewheelers 7.00 This Is Your Life	4.30 Rupert Bear 4.45 Joe 90 5.10 Magpie 7.00 The Thursday Film	4.35 The Romper Room 4.50 Lost in Space 7.00 Branded
MIDLANDS	 12.15 Joe 90 12.50 World of Sport 5.10 The More We Are Together 6.35 The Sky's the Limit Leslie Crowther	1.00 Play Better Tennis 1.30 Mr. Piper 2.15 Star Soccer 4.40 The Golden Shot 5.35 The Forest Rangers	4.30 Cartoon 4.35 Once Upon A Time 4.50 Junior Showtime 5.10 Timeslip 6.40 David Nixon's Magic Box	4.30 Popeye 4.35 Origami 4.45 The Flaxton Boys 5.10 Magpie 7.00 Star Movie	4.30 Cartoon 4.35 Rupert Bear 4.50 Fireball XL 5 5.10 Freewheelers 7.00 This Is Your Life	4.30 Cartoon 4.35 Wind In The Willows 4.50 The Sooty Show 5.10 Magpie 7.00 Thursday Movie	4.30 Cartoon 4.35 Zingalong 4.50 Thunderbirds 7.00 Branded 7.30 Department S
BORDER	 12.20 Phoenix 5 12.50 World of Sport 5.10 The More We Are Together 7.05 Leslie Crowther	1.00 Play Better Tennis 2.20 Football 3.20 The Saint 4.15 Jungle Boy 4.45 The Golden Shot 5.35 Catweazle	4.35 Once Upon A Time 4.50 Joe 90 5.15 Timeslip 6.45 David Nixon's Magic Box	4.35 Origami 4.50 Junior Showtime 5.15 Magpie 7.30 Feature Film	4.05 Nanny and the Professor 4.35 Rupert Bear 4.50 The Sooty Show 5.15 Freewheelers 7.00 This Is Your Life	4.30 Paulus 4.45 Stewpot 5.15 Magpie 7.45 Feature Film	4.05 Junkin 4.35 Zingalong 4.50 Land of the Giants 7.00 The Sky's the Limit
CHANNEL	 12.50 World of Sport 5.15 Gunsmoke 6.15 The More We Are Together 6.45 Leslie Crowther 7.45 Feature Film	1.00 Play Better Tennis 2.15 U.N.C.L.E. 3.10 The Big Match 4.05 Shari's Show 4.45 The Golden Shot 5.35 Catweazle	3.55 Once Upon a Time 4.05 Puffin 4.45 Forest Rangers 5.10 Timeslip 6.45 David Nixon's Magic Box	3.55 The Enchanted House 4.05 Puffin 4.50 Junior Showtime 5.10 Magpie 7.00 Star Movie	3.55 Rupert Bear 4.05 Puffin 4.50 The Sooty Show 5.10 Freewheelers 7.00 Treasure Hunt	3.55 Origami 4.05 Puffin 4.45 Skippy 5.10 Magpie 7.00 The Thursday Film	3.55 Zingalong 4.05 Puffin 4.15 The Ghost and Mrs. Muir 4.50 Lost in Space 7.30 Feature Film
GRAMPIAN	 12.30 The Stories of Tuktuk 12.50 World of Sport 5.10 Stewpot 6.20 Nanny and the Professor 6.40 Leslie Crowther	1.00 Play Better Tennis 4.40 The Golden Shot 5.35 Catweazle	4.10 Once Upon A Time 4.55 Rumble Jumble 5.15 Timeslip 6.00 Cartoon 6.15 Junkin 6.40 Magic Box	4.10 The Magic Ball 4.50 Junior Showtime 5.15 Magpie 7.00 The Tuesday Western	4.10 Rupert Bear 4.50 The Sooty Show 5.15 Freewheelers 7.00 This Is Your Life	4.10 Origami 4.50 The Flintstones 5.15 Magpie 6.05 Win a word 7.25 The Thursday Comedy	4.10 Zingalong 4.50 Adventures in Rainbow Country 5.15 Arthur! 7.00 The Sky's the Limit
GRANADA	 12.15 Supercar 12.50 World of Sport 5.15 Bonanza 6.15 The Ghost and Mrs. Muir 8.05 Leslie Crowther	1.00 Tennis 1.55 Cartoon 3.45 Football 4.40 The Golden Shot 5.35 Catweazle	4.35 Once Upon a Time 4.50 Skippy 5.10 Timeslip 6.20 The Beverly Hillbillies 6.40 Nixon's Magic Box	4.35 The Magic Ball 5.10 Junior Showtime 5.10 Magpie 6.20 The Beverly Hillbillies 6.55 The Tuesday Film	4.35 The Enchanted House 4.50 The Sooty Show 5.10 Freewheelers 6.20 The Beverly Hillbillies 7.00 This Is Your Life	4.35 Origami 4.50 Woobinda 5.10 Magpie 6.20 The Beverly Hillbillies 6.50 The Saint	4.35 Zingalong 4.50 Spiderman 5.10 Joe 90 6.20 The Beverly Hillbillies 6.50 When the West Was Wild

WALES/WEST

12.15 Joe 90
 12.50 World of Sport
 5.10 The More We Are Together
 5.50 The Sky's The Limit
 6.45 The Saint

1.00 Play Better Tennis
 2.15 Big Match
 4.45 The Golden Shot
 5.35 Catweazle

4.50 Woobinda
 5.14 Timeslip
 6.45 David Nixon's Magic Box

4.37 The Magic Ball
 4.50 Junior Showtime
 5.14 Magpie
 7.00 Bonanza

4.35 Rupert Bear
 4.50 The Sooty Show
 5.14 Freewheelers
 7.00 This Is Your Life

4.35 Once Upon A Time
 4.50 F Troop
 5.14 Magpie
 7.00 Mid Week Movie
 5.14 Magpie



LONDON

11.05 Wind In The Willows
 11.20 Thunderbirds
 12.15 Stingray
 12.50 World of Sport
 5.10 Stewpot
 7.15 Leslie Crowther

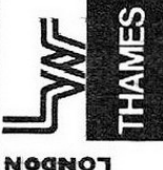
1.00 Play Better Tennis
 2.45 The Big Match
 3.45 Randall and Hopkirk
 4.45 The Golden Shot
 5.35 Catweazle

4.10 Once Upon A Time
 4.50 Lost In Space
 6.40 David Nixon's Magic Box

4.10 The Magic Ball
 4.50 Junior Showtime
 5.15 Magpie
 6.25 Arnie
 7.25 The Tuesday Film

4.10 Rupert Bear
 4.50 The Sooty Show
 5.15 Freewheelers
 6.30 Nanny and the Professor
 7.00 This Is Your Life

4.10 Origami
 4.50 Gulliver
 5.15 Magpie
 7.35 The Thursday Film



SCOTTISH

12.20 Survival
 12.50 World of Sport
 5.10 The Sky's The Limit
 5.45 Voyage to the Bottom of the Sea
 6.40 Leslie Crowther

1.00 Play Better Tennis
 4.40 The Golden Shot
 5.35 Catweazle

4.10 Once Upon A Time
 4.50 Gulliver
 5.10 Timeslip
 6.40 David Nixon's Magic Box

4.10 The Enchanted House
 4.50 Junior Showtime
 5.10 Magpie
 6.25 Hogan's Heroes
 6.55 The Tuesday Film

4.10 Rupert Bear
 4.50 The Sooty Show
 5.10 Freewheelers
 7.00 This Is Your Life

4.10 Origami
 4.50 Skippy
 5.10 Magpie
 7.00 The Thursday Film



SOUTHERN

12.50 World of Sport
 5.15 Voyage To The Bottom of the Sea
 6.15 The Golden Shot
 7.05 Leslie Crowther
 8.05 The Saturday Film

1.00 Play Better Tennis
 2.00 Sara and Hoppity
 2.15 The Big Match
 3.15 Mad Movies
 5.35 Catweazle

4.12 Felix The Cat
 4.20 Best of Lucy
 4.50 Lost In Space
 6.45 David Nixon's Magic Box

4.12 Pingwings
 4.50 Junior Showtime
 5.15 Magpie
 7.15 The Tuesday Film

4.12 Sean the Leprechaun
 4.50 Bush Boy
 5.15 Freewheelers
 7.00 This Is Your Life

4.12 Plupp
 4.50 Forest Rangers
 5.15 Magpie
 6.30 My Three Sons
 7.00 Junkin
 7.30 The Thursday Film



TYNE TEES

12.15 Joe 90
 12.50 World of Sport
 5.45 The Sky's the Limit
 6.15 Leslie Crowther
 7.15 Saturday Film

1.00 Play Better Tennis
 2.20 Shoot
 3.15 Cowboy In Africa
 4.45 The Golden Shot
 5.35 Catweazle

4.35 Paulus
 4.50 Stingray
 5.15 Timeslip
 6.45 David Nixon's Magic Box

4.35 Hubble Bubble
 4.50 Junior Showtime
 5.15 Magpie
 6.30 The Tuesday Film

4.35 Rupert Bear
 4.50 The Sooty Show
 5.15 Freewheelers
 7.00 This Is Your Life

4.35 Stories of Tuktuk
 4.50 The Forest Rangers
 5.15 Magpie
 6.35 The Thursday Film



ULSTER

12.30 Winter of Enchantment
 12.50 World of Sport
 6.15 What Are You Doing After the Show?
 7.30 Saturday Picture

1.00 Play Better Tennis
 2.45 The Big Match
 3.45 Cowboy in Africa
 4.45 The Golden Shot
 5.35 Catweazle

4.25 Romper Room
 4.50 Phoenix Five
 5.15 Timeslip
 6.45 David Nixon's Magic Box

4.25 Romper Room
 4.50 Junior Showtime
 5.15 Magpie
 6.30 Cartoon Time
 7.00 Mid-Week Movie

4.25 Romper Room
 4.50 Joe 90
 5.15 Magpie
 6.30 Cartoon Time
 7.00 Feature Film



WESTWARD

12.50 World of Sport
 5.15 Gunsmoke
 6.15 The More We Are Together
 6.45 Leslie Crowther
 7.45 Feature Film

1.00 Play Better Tennis
 2.15 U.N.C.L.E.
 3.10 The Big Match
 4.05 Shari's Show
 4.45 The Golden Shot
 5.35 Catweazle

3.55 Once Upon A Time
 4.05 Gus Honeybun
 4.45 Forest Rangers
 5.10 Timeslip
 6.45 David Nixon's Magic Box

3.55 The Enchanted House
 4.05 The Gus Honeybun Show
 4.50 Junior Showtime
 5.10 Magpie
 7.00 Star Movie

3.55 Rupert Bear
 4.05 The Gus Honeybun Show
 4.50 The Sooty Show
 5.10 Freewheelers
 7.00 Treasure Hunt



YORKSHIRE

12.50 World of Sport
 5.10 The More We Are Together
 5.45 Gunsmoke
 6.40 Leslie Crowther Show

1.30 Play Better Tennis
 2.20 Soccer
 4.45 The Golden Shot
 5.35 Catweazle

4.10 Once Upon A Time
 4.50 The Rovers
 5.15 Timeslip
 6.45 David Nixon's Magic Box

4.10 The Magic Ball
 4.50 Junior Showtime
 5.15 Magpie
 6.30 Nanny and the Professor
 7.30 Movie Of The Week

4.10 Rupert Bear
 4.50 Sooty Show
 5.15 Freewheelers
 6.30 Hogan's Heroes
 7.00 This Is Your Life

4.10 Origami
 4.50 Arthur
 5.15 Magpie
 6.30 Arnie
 7.00 Shari's Show
 7.30 Man of Action



FOR COMPLETE DETAILS OF ALL ITV PROGRAMMES SEE TVTIMES

[All details are correct at time of going to press.]

JOIN THE ADVENTURES OF

Super Mousse

AS HE ROUTS THE SCOUNDRELS OF SCOTLAND YARD.

SUPER MOUSSE IS ENJOYING A QUIET WEEKEND AT MOUSSE HALL WHEN...

POSTCARD FOR YOU ME MOUSSE

OH, NO! HERE COMES THE POSTMAN AND THAT LOOKS LIKE A CODED MESSAGE FROM THE BOSS THAT HE'S CARRYING!

YES FOLKS! ITS A SECRET CODED CARD FROM MOUSSE HQ - SUPER MOUSSE READS THE MESSAGE BY READING EVERY THIRD WORD!

Dear Super Mousse,
Heard from police, they like HQ now. How about a visit to go and be photographed? Wind blown right now up country. Yours The Boss.

MR Mousse
Mousse Hall
England

THE INNOCENT-LOOKING POSTCARD REVEALS A DESPERATE MESSAGE

GREAT DETECTIVES! THAT MEANS SOME VILLAIN IS TRYING TO BLOW-UP SCOTLAND YARD!

REAL CHOC MOUSSE

REAL CHOC

TIME FOR MY MOUSSE BAR ENERGY. DELICIOUS!

SUPER MOUSSE BREAKS OPEN A SUPER MOUSSE BAR TO GIVE HIM THE ENERGY TO DEAL WITH THE SCOUNDRELS

SOON SUPER MOUSSE IS OVER LONDON FLYING WITH MOUSSE ENERGY



MEANWHILE DOWN BELOW...



SUDDENLY!



THANK YOU SUPER MOUSSE. YOU'VE SAVED BRITAIN'S POLICE HEADQUARTERS

Super Mousse

2½p

GET SUPER CHARGED!