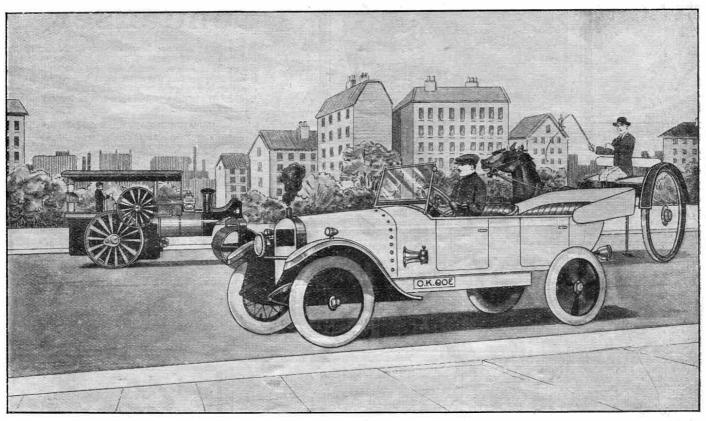
Competition Corner



How Many Mistakes Can You See? Have You Sharp Eyes:

The competition in connection with the above puzzle-picture has been received by our readers with the greatest enthusiasm, and entries are arriving in considerable numbers every day. For the benefit of new readers who may wish to enter this competition, we are repeating the conditions.

Many mistakes of various kinds have been deliberately made in the above draw-

ing and three prizes are offered for the readers who discover the greatest number of errors. First Prize: Hornby No. 2 Goods Set. Second Prize: Hornby No. 1 Goods Set, and Third Prize: Meccano No. 1 Radio Receiver or Double Headphones, as chosen by the winner.

Competitors should examine the drawing with the greatest care, making a note of every mistake as they find it. Every mistake should be numbered, and they should all be arranged in groups, that is, those connected with the Motor Car should be in one group, those connected with the Horse and Trap in another, and so on. The total number of mistakes found should be given at the foot of the list.

Closing date 31st January (Overseas 30th April).

Eleventh Photo Competition

Eleventh Photo Competition

Photographic Competitions show no signs of decreasing in popularity, and therefore we announce this month our Eleventh Photo Competition, the subject of which is "Winter Games or Sports." Any outdoor game or sport may be chosen for the photograph, and in judging the entries preference will be given to those that best express the true spirit of the particular game they represent. Prints may be mounted or unmounted and printed by either daylight or gaslight processes.

In order to ensure that every competitor has an equal chance, the contest will be divided into two sections:—(A) competitors under 14 years of age, and (B) competitors of 14 years and over.

Every entrant must write his name, address and age on the back of every photograph he submits, and must also state by whom the photo was developed and printed. In the event of a tie for a prize, photographs that have been developed and printed by the competitor himself will receive preference. Envelopes containing entries should be marked "Photo Contest" in the top left-hand corner.

Four prizes are oftered in this contest—Meccano goods to the value of 10/6 and 5/- as first and second prizes respectively in each section. The closing date for readers in the United Kingdom is 28th February, and for readers Overseas 31st May.

Cycling "Hints" Competition

Useful Prizes for Cyclist Readers

In the recent cycling articles published in the "M.M." various hints have been described and illustrated, such as the method of trimming an oillamp shown in November and a tip for crossing tramlines in the August number. Nearly every owner of a bicycle knows of at least one such hint in connection with his hobby, even if it is only the use of paper-fasteners for trouser-clips or a luggage-carrier made from Meccano strips! Your hint, however, may be new to others, who will be interested to hear of it. Write down as briefly as possible on a postcard the most useful hint you know in connection with cycling and also endeavour to illustrate it by means of a small sketch (the artistic merit will not be taken into consideration) to help to make your meaning clear. Hints need not be confined to the machine itself, and may relate to cleaning or enamelling a bicycle, mending punctures, avoiding accidents, etc.

All postcards must bear the name, address and age of the competitor and should be addressed to "Rover," of Meccano Magazine, Binns Road, Liverpool. The sender of the best hint will receive a pair of CYCLE TUBES treated with FIBERMETIC PUNCTURE SEAL, the brand and the size of the tubes to be chosen

by the winner himself. For the next best hint a VEEDER REGULAR CYCLOMETER will be awarded, and there will also be two consolation prizes of PUNCTURE-SEALING SOLUTION, sufficient for two cycle tyres, to be chosen by the winners from advertisers in the "M.M." The closing date of this contest for readers in the United Kingdom is 31st January (Overseas 31st May).

Second Drawing Competition

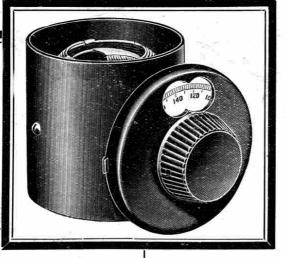
Second Drawing Competition

In response to repeated requests from readers, we have decided to announce this month another Drawing Competition. Our last competition of this kind, the subject of which was "The Editor of the 'M.M.' as I imagine him to be," brought in a large number of entries of first-rate quality, and we feel sure that the present contest will reveal further artistic talent among our readers. The subject of this competition is "A Modern Railway Locomotive."

Any type of loco may be chosen and drawings may be made either in pencil or ink. Following our usual practice, the contest will be divided into two classes—(A) for those of 16 years and over, and (B) for those under 16. Four prizes will be offered—Meccano products, to be chosen from our current catalogue by the winners, to the value of £1/1/- and 10s. 6d. respectively for the first and second in each section. Closing date 31st January (Overseas 30th April).

IGRANIC VARIOMETER B & BL TYPES

Prices: B 280 to 650 metres 12/6 BL 700 to 2400 ,,





IGRANIC-FRESHMAN FIXED CONDENSER

Prices :

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A new Variometer and a new Condenser

In these latest Igranic achievements you will find that Igranic craftsmen have eliminated the failings of earlier variometer and condenser designs. Both have proved their sterling merit in exhaustive and searching experimental work and now we can confidently say (as we do of all Igranic Devices) that you will "build a BETTER set" if these new Igranic Components form part of your receiver.

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BIRMINGHAM

LEEDS

BRANCHES: CARDIFF MANCHESTER

GLASGOW NEWCASTLE

Giant Block-Setting Cranes-(continued from page 3)

of rubble or stone, deposited in a scattered manner and standing above high-water mark, will serve the purpose, as is the case with the breakwater at Algiers, where a rubble mound is protected by 25-ton blocks heaped on the sea bed. This type of breakwater does not call for such skill as is necessary when the blocks must be accurately placed. Incidentally, less material is required for its construction.

The Sack-Block System of Construction

In many cases scattered material will not serve the purpose, however, for currents or storms soon move it and break it down. In these cases a more elaborate structure is necessary, such as the "sack-block" system. This employs barges with trap-doors. The interior of the barge is lined with sacking and in this concrete is deposited. The sides of the sacking are then brought together and laced over the top, and the barge is towed out to the site of the breakwater. Arrived there, the trap doors are opened and the concrete drops into the sea, where it is solidified by the action of the water and soon becomes a perfectly hard and solid mass. The sack-block method was used in the construction of the underwater portion of the breakwaters at Newhaven and La Guaiga, where layers of blocks weighing 100 tons were successfully laid, each extending across the whole width of the breakwater. The system was also used for the foundations of the South Breakwater at Aberdeen, where huge monoliths of 1,300 tons rest on a foundations of the South Breakwater on a foundations In many cases scattered material will not serve where huge monoliths of 1,300 tons rest on a foundation of concrete sack-blocks

Result of Eighth Photographic Contest

Some very interesting photographs were received in this contest, the subject of which was "A Summer Scene." Several competitors who live in the Tropics wrote to enquire whether they would be allowed to compete as they never have any winter out there! These letters were a distinct contrast to those received in the Home Section of this contest, when numerous competitors commented on the Editor's misguided sense of humour! sense of humour!

Sense of numour:
Four prizes were offered in this contest. In Section A the winner is K. D. Dinshaw, of Bombay, who has been awarded Meccano goods to the value of 10/6

for his excellent snap of the Lavola Pipe Lines. The second prize, Meccano goods to the value of 5/-, was won by Lee Ee Keng, of Singapore, who submitted a very fine lake study. In Section B, a similar first prize goes to K. C. Chintalwar, of Bombay, and second prize to Aly A. Shawky, of Cairo. We congratulate these competitors on their success and hope to see more of their work in future photographic contests.

Result of Hornby Railway Essay Competition

We expected this competition to prove popular, but we were certainly surprised at the remarkably large number of entries received from boys of all ages. More than this, when we came to examine the entries closely, we found that they reached a far higher standard of excellence than we had expected. In almost every case the selected layout was intelligently described, and the accompanying drawings were well designed to make clear all details.

The most common fault in regard to the layouts was that of trying to include too much. Some of the competitors produced layouts that were simply bristling with branch lines and sidings, such as would be utterly impracticable in the case of a model railway. A highly-complicated layout may be very pretty to look at, but the first essential of a model railway is that it shall be workable. One or two of the layouts sent in in this competition would puzzle the expert staff of a real railway to work them, and regarded from the model point of view they are hopeless. Other competitors went badly astray in their signalling arrangements, and in some cases signals appear to have been popped down wherever there was room for them in the drawing, without the slightest consideration as to whether they were either correct or necessary.

Four prizes were offered in this contest. In Section necessary.

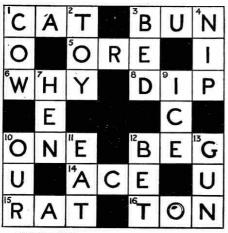
necessary.

Four prizes were offered in this contest. In Section A (16 years and over) the first prize, Meccano goods to the value of £2/2/-, has been awarded to Harold Carson (West Norwood, London, S.E.27), and the second prize, Meccano goods to the value of £1/1/-, to William Geale (Fairview, Dublin). In Section B (under 16 years) Anthony Batho (Kingston Hill, Surrey), won the first prize, and T. B. Field (Forest Row, Sussex) the second, and these competitors have been awarded Meccano goods to the value of £1/1/- and 10/6 respectively.

been awarden meccano goods to the value of £1/1/-and 10/6 respectively. In view of the great enthusiasm with which this contest has been received, we intend shortly to an-nounce another on similar lines.







HORIZONTAL

- Domestic animal
- Small cake Found in the earth
- Question To plunge into
- 6. 8. 10. Single
- To ask for
- Unit at cards
- A rodent Measure of weight

VERTICAL Farm animal

- A plaything
- To be slept on To pinch Female bird 3.

- Necessary to skaters Belonging to us Take food 11.
- Wager A weapon

HIS month I am introducing to my readers a form of puzzle that is now enjoying a great vogue in America and elsewhere—the Cross Word Puzzle. For the benefit of those to whom this type of puzzle is new, I give below an easy example worked out and a full explanation of the method of solving it.

In the above diagram it will be seen that there are 49 squares, 13 of which are black and the remainder white. Also it will be noticed that certain squares are numbered. Below the diagram are various definitions, also numbered, and appearing under two heads, horizontal and vertical. The problem is to fill in the white squares in the diagram with words indicated by these definitions, and each containing as many letters as there are white squares between the number and the nearest black square, in a horizontal or vertical direction as the case may be.

Looking now at our list of definitions we see that No. 1 horizontal is a "Domestic Animal" and No. 1 vertical a "Farm Animal." Each of these words must consist of three letters because, counting from the figure 1 in each direction, there are three white squares up to the nearest black square. Only one letter may be placed in each square, and therefore it is clear that the two words both starting from No. 1 square must begin with the same letter. Thus we have to find the names of a domestic animal and a farm animal each consisting of three letters

and beginning with the same letter. A little thought shows that these words are "cat" and "cow," and so we fill them in

in their respective squares.
Passing on to No. 2 we find this has to form a word only in the vertical direction and the definition is "A Plaything." We already have the letter T in square No. 2, therefore our new word must commence with T and must contain three letters, as there are three white squares counting vertically downwards to the nearest black square. At the same time we notice that No. 6 horizontal must be a word of three letters commencing with W and meaning "question." We now have to find two words that will fulfil these conditions. "A Plaything" suggests "toy" and "question" suggests "why." These words fill the required conditions and so we write them in.

Going through the definitions in this way we gradually fill in all the white squares as shown, always making sure that our words fit both horizontally and vertically. A little study of the diagram will show exactly how this is done, and will make clear the method of solving any puzzle of this kind. When commencing to work out a Cross Word puzzle it is best not to take the definitions in strict numerical order but to look down both the horizontal and vertical lists and tackle first the words that suggest themselves quickly, and then gradually deal with the remainder.

Cross Word **Puzzle Competition**

First Prize: Meccano Goods value £2 2 0

Second Prize: Meccano Goods value £1 1 0

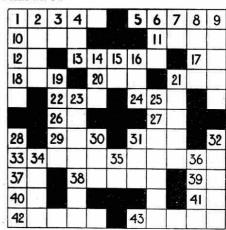
Third Prize: Meccano Goods value 10/6

Every reader who wishes to enter for this competition must send in the solution of the Cross Word Puzzle No. 54, together with a new Cross Word Puzzle of his own invention. Puzzles sent in must not have been published previously, but must be original. They must not contain Christian names, and if names of not contain Christian names, and if names of any historical characters are used they must be thoroughly well known. Slang must not be used, and all abbreviations must be specified as such unless they are in common everyday use. The diagram of Puzzle 54 is too small for actual working. It should not be cut out, but should be carefully copied at least four times the size on to a sheet of paper.

Before entering this competition readers are advised to read through the instructions on this page, and to examine carefully the specimen puzzle worked out.

Entries must reach this office not later than 31st January (Overseas 30th April).

Puzzle No. 54.



HORIZONTAL: 1. To make amends; 5. Avoids; 10. Learning; 11. Narrative in elevated style; 12. Conjunction; 13. Subduer; 17. Behold; 18. Soft finned fish; 20. Male animal; 21. Female bird; 22. Source of minerals; 24. Initials of a nation; 26. Carry out; 27. Mass of types confusedly mixed; 29. Elastic fluid; 31. Decay; 33. Phrase of a certain nation; 37. Expressing refusal; 38. Used for malefactors; 39. Personal Pronoun; 40. Perform; 41. Indefinite article; 42. Short branches; 43. Vehicles.

VERTICAL: 1. Succulent plants; 2. Ripped; 3. Conjunction; 4. A snare; 6. Possessive pronoun; 7. Preposition; 8. A river; 9. Form of confectionery; 14. Exist; 15. Mother; 16. A bird; 19. To deposit; 21. A republic; 23. Loud cry; 25. A surety; 25. Ties; 30. Form of address; 31. Went quickly; 32. At end of hymns; 34. Satellite; 35. Company; 36. Deceit.

Puzzle No. 55.

Find 16 numbers which, when arranged in four lines of four numbers each, and added vertically, horizontally or diagonally, always amount to 34.

Puzzle No. 56.

Puzzie No. 56.

What part of a locomotive is indicated by each of the following definitions?

1. To pull, and a submerged sandbank.

2. To defend, and the most common metal.

3. What issues from chimneys, and to fight with

- the fists.

- the fists.

 Powdered stone, and a long tube.

 Burning in a grate, and an opening for entry.

 A "taxi," and its top.

 A small shining light, and one who stops another.

 To offer in payment, and that which connects.

 A well-known tree, and a broad shallow vessel.

 Twelve inches, and food paid for in lodgings.

 The palm and fingers, and to utter reproaches or insults.
- insults.
- 12. A chief, and not heavy.

Puzzle No. 57.

Behead it and there is a bit left, Behead it again and there is still a bit left, Behead it again and you've got it left, Behead it again and you've got it to a T.

Puzzle No. 58.

A boy had the misfortune to drop his watch on to the floor. When he picked it up he found that the glass had broken and fallen out and that the dial was cracked across in three places. He was surprised to find that the numerals on each of the four pieces of the dial added up to 20.

Where did the cracks come?

Puzzle No. 59.

An Enigma:—"My seas have never held water, my rivers are dry and my fields barren. I possess large cities, and yet not a single house. I am irregular in shape without either grace or beauty, and yet in your eyes I represent the whole world. What am I?"

18. Behold.

20. Tavern

23. Good

25. Annoy.

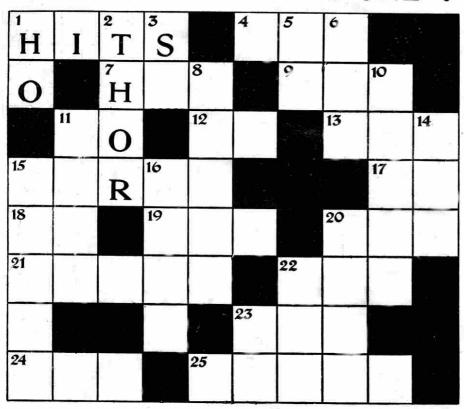


VERTICAL.

- CLUES 1. Exclama-
- tion.
 2. Thunder
- God.
 3. In this manner.
 5. For example
- 6. A famous character known to eaters of FORCE.
- 8. A cereal. 10. Bright. 11. Of hig

- 10. Bright.
 11. Of high quality.
 14. To put on.
 15. A particle of FORCE.
- 16. Low temperature.
 20. Products of
 - electrolysis. A serpent. Exist.

CAN YOU SOLVE THIS ONE



Did you solve the circle puzzle in the issue before last? Did you send in your solution and get in return a free sample of Then you have never MALTED AND TOASTED tasted "FORCE?"

Never enjoyed a plate of crumpy, crisp flakes of delicious whole wheat, malted for digestion and toasted for crisp nutty flavour! But perhaps they already eat "FORCE" in your home? Ah! that explains it! They don't? Then take this chance and have a free sample sent to you immediately.

Here's another interesting puzzle. Can you solve it? I'll warn you it's harder than the last! Have a try and send me your solution! I'll send you a free sample of



" FORCE " for your trouble!

What you have to do.

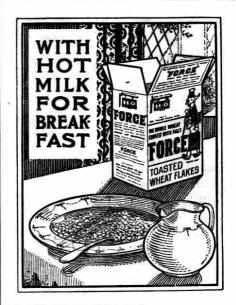
At the top of this page are two lists of numbered clues for hidden words. From the "horizontal"

list each word starts in the square with the corresponding number and reads across, one letter per square to the first black square, or to the right hand edge of the puzzle, as the case may be.

From the "vertical" list each word starts in the square with the corresponding number and reads downwards, one letter per square to the first black square, or to the bottom of the puzzle, as the case may be. Let us start with "horizontal" No. 1.

We must find something that means

" strikes," counting across from square No. 1, one letter per square to the first black square, we find it has four letters. Let us try HITS. This gives us a start for "vertical" No. 1, which we note is an exclamation. It has only two letters because a black square comes third. Let us try HO. We also have a start for No. 2 vertical, also No. 3. No. 2 is a thunder god. It has four letters and, (if HITS is right), it starts with T. Let us try THOR. Now we have new clues for No. 7 horizontal andbut I think you would like to finish it yourself. Write in your letters lightly with a pencil. Have a piece of rubber with you. You may have quite a lot of rubbing out to do before you finish.



When you have solved all you can, write, on a piece of paper, or on a postcard, the two lists "Horizontal" and "Vertical," putting in the correct word, and post to my office in Dept. Mc.5 at 197, Gt. Portland Street, London, W.1.

Surry Jim



HE experiment I made last month in devoting a whole page to a Puzzle Competition has turned out a great success and the number of entries has far exceeded my expectations. Encouraged by this success I am again devoting a whole page to puzzles, but this time I am confining the competition entirely to Cross Word Puzzles, which I am intro-ducing to the "M.M." for the first time.

The popularity of Cross Word Puzzles is remarkable, particularly in the United States, where contests in solving them are held on quite a large scale and championships are competed for with the utmost keenness. In addition, various American education experts are encouraging Cross Word Puzzles on the grounds that they develop mental alertness and at the same time greatly enlarge one's knowledge of words.

There is no doubt that solving Cross Word Puzzles is great fun, providing the puzzles are reasonably constructed and do not include freak words or meanings. The puzzle given this month is quite straightforward, but I have two ready for next month that will cause quite a run on the nearest dictionary! I hope that many readers will enter this contest, and I am looking forward to receiving some really good original designs.



Small Girl (to elderly visitor): "Mr. Baldpate, how is it no hair grows on your head?"

Elderly Visitor: "What a silly question. Why doesn't grass grow on a busy street?"

Small Girl: "Oh, I understand now;

you mean it cannot get up through the concrete!"

BOW WOW!

Q. Why is a little dog's tail like the heart of an oak?

A. Because it is furthest away from the bark.

Q. Why is E a most unfortunate letter?

A. Because it is always in debt, and never out of danger.

Small dog, Down street. Motor car. Sausage meat.

* Doctor: "You are looking better this

morning than I expected to find you."
Patient: "I expect that is because I have followed the directions on the bottle of medicine."

" What were they?" Doctor:

Patient: "Keep the bottle tightly corked!"

Small Girl: " Mother, why has daddy so little hair on his head?"

Mother: " Because he works and thinks such a lot, dear."

"Then why have you so Small Girl: "Then why have you so much hair?" Mother: "Get on with your breakfast."



Weary Willie: "Times are very bad, Tim."

Tired Tim: "You're right, son; a feller daren't ask for work for fear of getting a job."

YATT?

Teacher: "Jones, name me a unit of electricity."

Jones (just waking up): "What?" Teacher: "Right."

Magistrate (to man charged with picking pockets): " How did you manage to take this man's watch when it was secured by a patent safety chain?"
Prisoner: "My fee, your Worship, is

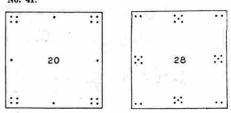
30 /- for the full course of six lessons!"



Teacher (giving grammar lesson): "Willie, you see that sentence on the blackboard, 'Lead the cow from the field,' what mood?"

Willie: "The cow did."

No. 41.





No. 42. The figures are 8, 12, 5, 20=45.

No. 43. The arrangement of the figures is as follows 357 492

No. 44. After re-arrangement the numbers on the sacks are as follows:—2, 7, 8, 156, 39 and 4.

No. 45. The name is David.

Roach 90; Carp 15; Tench 45; Bream 47. Total 197.

No. 47. He lost his train by 20 minutes because he reckoned his average by the distance and not by the time. The four miles walk would have taken 1 hour, the four miles level would have taken ½ hour, and the four miles downhill 20 minutes—in all 1 hour 50 minutes, and he had only 1½ hours altogether

No. 48. Least number of moves=31.

No. 49. Least number of moves=63.

No. 50. The words are: -Starling, Staring, String, String, Sing, Sin, In, I.

No. 51. The score of exactly 100 on this target was made in six shots, two of which were upon the 16 and four upon the 17.

No. 52. Two men and a boy, three-quarters of a day, two hods of mortar, 10/10. Settled.

* * No. 53. A and D cross, A returns, D left over; E and F cross, D returns, E and F left over; B and C cross, C and F return, B and E left over; A and C cross, E returns, A B and C left over; E and F cross, E returns, A, B, C and F left over; D and E cross, none returns, A, B, C, D, E and F are now all across.

Captain (to Goal-keeper): "Why didn't you stop that one?"
Goal-keeper: "Why should I, what's

the net for?"

Q. Which colour is easier to spell, "red" or "green"?

A. Green, because it is spelt with more ease (e's).

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The British Colonies

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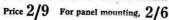
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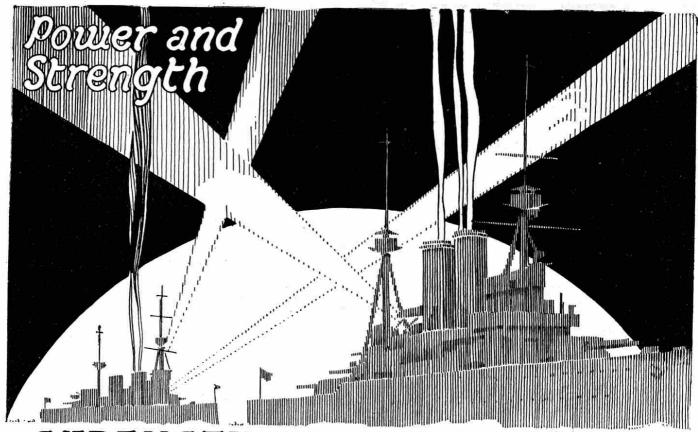


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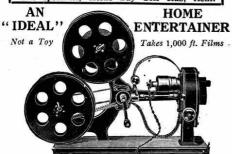
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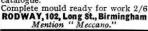
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WIRELESS PACKET of assorted screws, nuts and washers; very useful; 1/2 post free, worth double. Money returned if dissatisfied.—Bates, Bellevue, Redruth, Cornwall.

Sectional Steel Wireless Masts. BOYS, MAKE YOUR OWN! I supply all parts and materials for 20, 30, 40 and 50 foot masts, together with print and full instructions for erecting and assembling. This is a first-class engineering job throughout and they are pukka Navy rigged. Any boy who can use a file and a drill can turn out one of these masts in a few hours. They are very light and immensely strong and extremely graceful in appearance. Prices of sets are as follows. Cash with order. All carr. paid. 20 toot set 24/6. 30 foot, 35/—. 40 foot, 50/—. 50 foot, 75/—.—HAMILTON MAY (ex-Lieut. R.N. V.R.), Doone Cottage, Weybridge, Surrey.



EDITORIAL AND ADVERTISING OFFICES :-

BINNS ROAD, LIVERPOOL.

Telegrams: "Meccano, Liverpool."

Publication Date. The "M.M." is published on the 1st of each month and may be ordered from any Meccano dealer, or from any bookstall or newsagent, price 3d. per copy. It will be mailed direct from this office, 2/- for six issues and 4/- for twelve issues. To Contributors. The Editor will consider articles and photographs of general interest; payment will be made for those published. Whilst every care will be taken of those submitted, the Editor does not accept responsibility for any loss or damage. A stamped addressed envelope should be sent where the contribution is to be returned if unacceptable.

Binding Cases. Spring-back Binders to take a number of "M.M.'s" are supplied, covered with imitation leather and lettered in gold, price 3/- each (post free).

Meccano Writing Pads. Fifty sheets of tinted bank paper, each printed with Meccano boy at head, 1/- (rost free) large size, and 6d. (post free) smaller

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Readers' Sales and Wants. Private advertisements (i.e., not trade) are charged 1d. per word, minimum 1/-Cash with order. Editorial and Advertising matters should not be dealt with on the same sheet of paper.

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Press Day, etc. Copy must be received not later than 10th of each month for publication in following issue. Half-tone blocks up to 100 screen.

Proofs of advertisements will be sent when possible for space bookings of nos less than half-an-inch.

Voucher Copies. Sent free to advertisers booking one inch or over. Other advertisers desiring vouchers should add 4d. to their remittance and should order voucher copy at same time.

voucher copy at same time.

Remittances. Postal Orders and Cheques should be made payable to Meccano Ltd.

Obtaining the "M.M." Overseas

Readers Overseas and in foreign countries may order the *Meccano Magazine* from regular Meccano dealers, or direct from this office. The "M.M." is sold Overseas at 3d. per copy, or mailed (post free) direct from Liverpool, 2/- for six issues, or 4/- for twelve issues.

IMPORTANT.

Overseas readers are reminded that the prices shown throughout the "M.M." are those relating to the home market. Current Overseas Price Lists of Meccano Products will be mailed free on request to any of the undermentioned agencies. Prices of other goods advertised may be obtained direct from the firms.

CANADA:

Meccano Ltd.

45, Colborne Street, Toronto.

AUSTRALIA:

Messrs. E. G. Page & Co. 52, Clarence Street, Sydney, N.S.W.

NEW ZEALAND: Messrs. Browning Ifwersen Ltd., P.O. Box 129, Auckland.

SOUTH AFRICA: Mr. A. E. Harris (P.O. Box 1199) Textile House, Von Brandis St. Johannesburg.

STAMMERERS

or their parents, should write for my 36 page booklet. Sent free to those seeking genuine cure. Lee Wareing, Dale Avenue, Bispham, Blackpool.

"THE RECEPTION" You get when using "PERFECTRITE" is "RITE" perfect. Increases signals 100%. Every piece tested. Post Free 1/-.
W. FREAK, 8, POPLAR WALK RD., S.E.24 & J. SMITH, 70, NORMAN RD., S.E.10.

FOUNTAIN PENS.
LEVER SELF-FILLER, 14 carat Gold Nib,
Screw Cap. Post free 2/6. Pocket Clip free.
Albert Purser, 248, High St. North, Manor Park,
E.12.

Ask Father to get you one of these toys—they are just like the 'grown ups' use—only smaller

The FAIRYCYCLE (Registered Trade Mark)

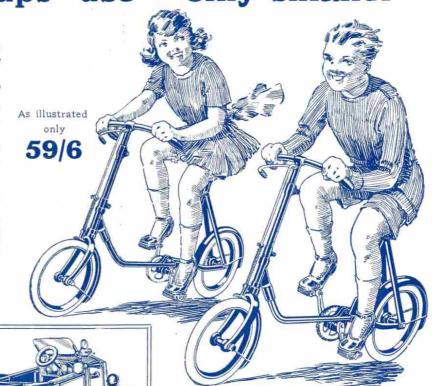
The Fairycycle ensures beneficial exercise so necessary for good health and strength, and gives hours of innocent amusement.

Be sure the word "Fairycycle" and Triangle Trade Mark are on the frame. None genuine without. British made.

Note the low centre of gravity which makes the Fairycycle so safe and easy to ride.

Specification-Adjustable plated handlebar, cycle saddle (adjustable), ball-bearing rubber pedals, 12 in. wheels with § in. wired-on tyres, frame of solid drawn weldless steel cycle tube, brake and free wheel.

See the famous Triangle Trade Mark on all Good Toys and avoid spurious imitations.





The "Comet

A very sporty model for the young speed-merchant between 2—7 years of age. It has a double crank movement, 10 in. wired-on tyred wheels, lamp, metal imitation radiator, etc.

AT ALL GOOD TOYSHOPS AND STORES.

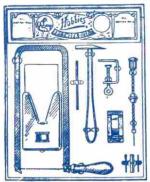
See the famous Triangle Trade Mark on all Good Toys.

Wholesale only from:





Good Things for the New Year from



FRETWORK!

No. 172/3 contains a superior 12 in. Hobbies' hand fretsaw frame, archimedean drill with 3 bits, nickelled drill box, steele cutting table, iron cramp, fretwork hammer, sandpapering block, tozen saw blades and design. Price Cheaper Sets at 4/-, 5/6 and 6/6 Superior Sets at 9/6, 12/- and 13/6 like the consus Habbies'.

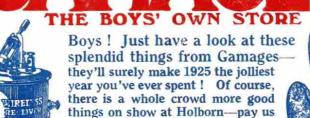
Also the famous Hobbies' Al Boxed Outlins with all latest improvements. Post 1/- Price 16/6



Wireless!

Take up the fascinating Hobby of Wireless. At Gamages you can get the famous "Brownie" Crystal Set complete with 'Phones, Aerial Outfit, etc. 24/-

throughout, with all latest improve ments. It is sold ready for use and will operate pairs Set only 101





at a price that is amazing—even for Gamages!

A splendid little novelty that every boy should have. Nicely-finished pair of Opera Glasses, complete in Black Imitation Leather case, with handle for carrying. Send for your pair te-day. The price is so low that the stock will not last long! Price 1/3



Cinematographs!

Combined Cinematograph and Magic Lantern giving excellent pictures. Reliable mechanism, with flywheel suitable for all standard size films. Can suitable for an extractor systems. Salso be used as a Magic Lantern. Supplied complete with film, slide, and oil lamp. Height, including chimney, 7 in.

Price complete

Price complete
Post 9d.

Extra Films, 1/- per box 36 ft.
2/- per box 72 ft.

Long continuous coloured film bands.
Each 1/- and 7½d.

Extra Slides, per box 8d.



Take up Chemistry!

You must have a hobby for the dull winter evenings, so why not take up Chemistry? At Gamages you can buy sets from 3/3 upwards and tart right away. Come and

Neat Box of Chemicals, with instructions, etc., complete for performing 50 experiments. Price Order one to-day Ditto, with instructions, etc., for performing a etc., for performing larger number of experiments. complete, 5/6



Ditto, height to top of chiumey, 63 in., diameter of beiler,

COMPLETE ANGLER'S OUTFIT

Contains an 8-ft. dark-stained 3-joint rod, 1 wood reel, Contains an 8-ft. dark-stained 3-joint root, I wood rect.

I line, floats, 2 Olympic gut casts, 1 Olympic ledger, 2 gut casts, 7 hooks to gut, 1 rlummet, 1 box of split shot, 1 disgorger, I haversack, I worm bag, 1 packet of artificial bait, and hints on "Just How to Begin."

Post Paid. Price and Tell us about Your Hobby.

Boxing!

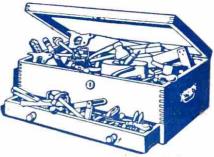
Superior

Youths'

Get this Microscope!

Lacquered Brass with adjustable spring slide, suitable for Lacquered Brass with adjustable spring slide, suitable for examination of Pond Life, Cheese Mites, etc. Magnifies 50 diameters, complete in box with instructions and 2 Prepared Micro Objects, 2 Plain Glass Plates, 2 Glass Plates with cavity. Price Post 3d.

TOOL CHESTS (50 Tools)



Handsome Chest, 23 in. long by 10½ in. wide, finished in polished hard wood with drawer and lock. Contains 50 tools including handsaw, tenon frame, brace, 13 assorted brace bits, smooth beech plane, 4 chisels, spokeslave, mallet, hammer, gauges, cork rubber, saw set and file, pliers, spirit level, oil can, oilstone, etc., etc. Worth £5.

Get one of GAMAGES AIR GUNS THE "LIGHT DIANA" Strong and powerful, yet light to handle Single shot. Nickel finish. Carriage 1/- Price 4/11 THE 'DIANA' AIR GUN No. 1 bore. Shoots darts or stugs. Strong, well made and reliable. Carriage 1/- Price 12/6 THE "GAMAGE" AIR GUN No. 1 Hore, Very accurate Carriage paid. Price 24/6 "GEM" AIR GUN No. 1 bore only Beauti-lully made and finished. Carriage paid. Price 27/6

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