



CLUB NOTES

Southport M.C.—Has just become affiliated with the Guild. It is conducted by Scoutmaster W. E. Bowker in connection with the 8th Southport Troop of Boy Scouts and has been in existence for twelve months, during which time 50 meetings have been held. Chief activities are Lectures on various Engineering Subjects and the study of Special Models. Hornby Train nights, Stamp-collecting, Fretwork and Sports meetings have proved very popular. The members of Blackburn M.C. were recently entertained to games and tea at headquarters, an event which was greatly enjoyed by both clubs. Club roll: 20. Secretary: E. Williamson, Delamere Road, Ainsdale, Southport.

Stockton-on-Tees M.C.—Is making good progress, a further increase in membership being reported. A recent Lecture on "The Railway Centenary" was very successful, slides being loaned by the L.N.E.R. The meeting night has been changed to Monday, and at the first meeting on the new night an interesting address was given by the President, Mr. T. W. Richardson. Club roll: 19. Secretary: N. Middleton, 14, Victoria Avenue, Norton Road, Stockton-on-Tees.

Royal Grammar School (High Wycombe) M.C.—A new system whereby a model is loaned from Headquarters once a month is proving very popular and the boys find the study of an advanced model a welcome change from the usual routine of model-building. Recently the Horizontal Engine and Transporter Bridge models have been loaned. Unfortunately the Secretary has been ill and unable to attend. Club roll: 57. Secretary: H. R. Foden, Royal Grammar School, High Wycombe, Bucks.

Rosyth M.C.—Unfortunately the time for disbandment has arrived. The Royal Dockyard has closed down, and many families have been transferred to other towns. To use the secretary's own words: "Rosyth is now a town of empty houses. The streets are blocked with removal vans sent from all over Britain." It is unfortunate that such a splendid club has met with this fate and we all wish its members success in their new surroundings. Secretary: E. T. Hunter, 79, Admiralty Road, Rosyth, Fife.

Herne Bay M.C.—Is preparing its stand for the local Horticultural Society's Spring Show and Trade Fair, for which a working model is being loaned from Headquarters. One page in the show schedule has been devoted to the club. Games Tournaments are still a popular feature of the syllabus, in which Model-building and Hobbies Nights also figure prominently. Club roll: 30. Secretary: C. W. Russell, 4, Clifton Villas, Herne Bay.

Withington M.C.—An interesting lecture on "A journey to Cromer" was recently given by E. Launbury, and Mr. Craddock, the Leader, lectured on "The Story of London's Underground Railways" which, illustrated by slides loaned by the railway company, was a very great success. Further attractions have been a Hat Night, a Games Night, a visit to Barton Aqueduct and a special Hornby Train evening. Club roll: 8. Secretary: Kenneth Craddock, 36, Mauldeth Road, West, Withington, Manchester.

Accrington M.C.—A very successful Train Evening was recently enjoyed, members bringing their train sets and combining to make an elaborate layout. A Story Evening was given by a club patron, Mr. Challoner, and a "Surprise Evening" was prepared by Mr. Hargreaves, the Leader, on which occasion he took all his members to the local cinema. A Cricket Team is to be formed. Club roll: 12. Secretary: Robert W. Rush, 11, King's Road, Accrington.

Nottingham Y.M.C.A. M.C.—This recently affiliated club is progressing well. It was originally conducted in conjunction with the Y.M.C.A. Aeroplane-building class. A good equipment of Meccano parts has been purchased and the membership is steadily increasing. Leader: Mr. Wheelton, Y.M.C.A., Mansfield Road, Nottingham.

Ruthin M.C.—Has a Chairman, secretary, and a committee of seven members elected by the whole club. Model-building evenings are popular and all members read the "Meccano Magazine." A play is being rehearsed for the end of the session. Club roll: 20. Secretary: M. M. Marshall, Ruthin School, Ruthin, N. Wales.

Harrogate and District M.C.—This newly-affiliated club promises to be highly successful. An Exhibition of Models is being planned to take place shortly. The local Friendly Societies' Hall is the club room and new members will receive a cordial welcome. Club roll: 8. Secretary: R. Spellman, 36, Victoria Avenue, Harrogate.

South Park M.C.—A Lantern Lecture entitled "Business Life on the L.M.S.," loaned by that railway company, furnished a very attractive evening's programme. In the syllabus, which is very interesting, Model-building features largely, and a debate on "Electricity versus Gas as a National Help" proved very absorbing. The last function of the session was a club tea, which was greatly appreciated. Club roll: 35. Secretary: S. R. Steele, 20, Ripley Road, Seven Kings, Ilford, Essex.

Ilfracombe M.C.—A Mock Trial recently proved highly successful and another enjoyable evening was spent in members drawing subjects from a hat and speaking for a given length of time. Among the subjects were Meccano, Football, Wireless, Motor Cars and Fishing. A Model Competition for members aged twelve and under is being organised and three good prizes are offered. A Concert is being rehearsed for the end of the session. Club roll: 33. Secretary: T. Blackmore, 23, Shaftesbury Road, Ilfracombe.

Marsh Street Conway M.C.—A very interesting talk was recently given by the Leader, Mr. Gandy, on "Cables and Their History." A novel Model-building Competition has been held, the members studying for five minutes a model constructed with a No. 0 Outfit, and then being required to build it from memory. The model was built completely and accurately in the time allowed—seven minutes—by E. Pinnington. The club has been divided into eight sections, Library, Fishing, Naturalist, Philately, Chess, Railway, Photography and Swimming. Club roll: 42. Secretary: W. O. Knight, 22, Howard Road, Walthamstow.

Meccano Club Leaders

No. 26. Mr. W. F. Cross



Mr. W. F. Cross is Leader of St. Mark's Meccano Club, London, S.E.6, which was affiliated with the Guild in January 1924. This club has made consistently good progress and Mr. Cross has succeeded in developing among its members a spirit of initiative and enterprise, resulting in extremely interesting meetings. Few Meccano clubs tackle Shakespeare, and it was interesting recently to find this club carrying out a reading of three acts of "Twelfth Night." The exhibitions of models held from time to time have proved very successful and a library started a short time ago already numbers over 50 volumes and is growing steadily.

Mr. Cross is a strong believer in variety in a club syllabus, as may be gathered from our reports of the proceedings of the St. Mark's Club, and recently he has interested his members in boxing, with very successful results.

Middlesbrough M.C.—An exhibition is to be held for which models are being loaned from Headquarters. At a recent meeting Mr. A. R. Desmond, a well-known Middlesbrough lecturer, gave an interesting discourse on "Life in a Caravan," which was greatly enjoyed and appreciated. The membership has steadily increased since Mr. T. D. Allcock took over the Leadership. Club roll: 23. Secretary: A. Bradley, 24, Laurel Street, Middlesbrough.

St. Mark's (London, S.E. 6) M.C.—A debate on "Should Picture Houses open on Sundays" aroused great interest. Another club night novelty was the reading of three acts of Shakespeare's "Twelfth Night." A Club Tea, postponed from last session, was a very enjoyable function held recently. Club roll: 22. Secretary: Geo. C. Green, 21, Hafton Road, Catford, London, S.E. 6.

Wyggeston Boys' M.C.—The leader, Mr. Reynolds, recently gave a very interesting cinema show, the films including "The Cormorant Catching Fish" and "Ski-ing in Switzerland," which were particularly good. A Lecture was delivered by G. W. Darby on "Special Railways." The membership is steadily increasing and two meetings are held each week, one being devoted to Games and similar attractions and the other to Model-building and Lectures. Club roll: 51. Secretary: G. W. Darby, 30, Kimberley Road, Leicester.

St. Saviour's (Tonbridge) M.C.—On a recent Visitors' Night the superintendent of the Tonbridge Police inspected members' models, which included a Drop Hammer, Motor Lorry, Windmill and two models of the Tower Bridge. Preparations are being made for an Exhibition of Models. Club roll: 12. Secretary: Cyril F. Hopper, 91, Shipbourne Road, Tonbridge.

Exeter M.C.—A Hornby Electric Train has been purchased and is at present the most popular feature of the club. Sixty members were delighted by the spectacle recently afforded, when the "night mail," as they called it, was running in the dark with all its lights on. A highly successful Exhibition has just been held, lasting over three days. Between 60 and 70 models in Meccano and Fretwork were displayed and 1,400 people visited the Exhibition and were enthusiastic in their praise. Two plays were given by club members, and during the exhibition an addition to the club roll of fifteen members was made. It is interesting to note that twelve months ago there were 45 Guild Members in Exeter. There are now 207, 162 having been recruited by the Exeter M.C. Club roll: 90. Secretary: L. Mathews, 44, Rosebery Road, Exeter.

Winchester Avenue (Leicester) M.C.—This newly affiliated club is making sound progress. Each meeting lasts 1½ hours, commencing with a business meeting with resolutions properly moved and seconded and voted upon. Each member submits a model which is carefully considered by all present. An attendance record is kept by the secretary. A Whist Drive and a Concert are being arranged, and a Library has been formed. Club roll: 12. Leader: Mr. H. Turner, 85, Winchester Avenue, Leicester.

Bearwood (Birmingham) M.C.—After a temporary suspension of activities, this club has reopened with renewed enthusiasm under the Leadership of the Rev. L. Holbut, St. Hilda's Lodge, Abbey Road, Warley Wood, Nr. Birmingham, and promises to make good progress. A club room has been secured and new members will receive a hearty welcome. Club roll: 36. Secretary: C. White, 72, Katherine Road, Bearwood, Birmingham.

Beverly Road (Bolton) M.C.—The membership is steadily increasing and a good programme for the new session has been arranged. An enjoyable Hornby Train night was recently held and the club Library is growing and becoming very popular. A photograph of the members is to be taken shortly. Club roll: 25. Secretary: Hubert Henshaw, 35, Kendal Road, Bolton.

Luton M.C.—A very good session has been spent, popular features being Model-building, Competitions, and Wireless Evenings. A Social was organised by the Leader, Mr. Burgoyne, to which every boy was requested to bring a friend, and a thoroughly enjoyable evening was spent. At the commencement of the new session a "Telephone" evening was arranged, to which we hope to refer later. Club roll: 30. Secretary: L. Goldsmith, 69, Tennyson Road, Luton.

Davenport M.C.—Held a fine Exhibition of Models recently in St. George's Parish Rooms, Stockport. The Mayores of Stockport and Archdeacon Thorpe were among the many visitors. The play "Uncle Ben" that followed the display was well received. Club roll: 38. Secretary: Arthur D. Stoker, 124, Bramhall Lane, Stockport.

Barnetby M.C.—Mr. R. S. Watson, the Leader, informs us that the group published on page 128 of the February Magazine does not, as we thought, represent the Barnetby Meccano Club, but is a matter of fact a school class group, including only a few of the club members. Mr. Watson has promised to have a photograph of the club taken very shortly, and we look forward to publishing this. Secretary: R. H. Ward, Laurel Villas, Victoria Road, Barnetby.

Harwich M.C.—An Exhibition recently organised attracted great local interest. The Mayor and Mayores of Harwich, introduced by the Club President, the Rev. Canon A. E. Mills, R.D., Vicar of Harwich, performed the opening ceremony. The Exhibition, which lasted two days, included specimens of the work of each Club Section, comprising Raffia Work, Fretwork, Carpentry, Toy Soldier-making—boys making soldiers from lead and selling them to the public while still hot—Meccano Models, and a fine Hornby Train display. A large Model Power Station attracted considerable interest, and Meccano Models included a Roundabout, Traction Engine, a working Gramophone, Transporter Bridge, Cranes, Bridges, Motor Vans, and a large Commercial Biplane measuring 40 inches across. Prizes for the best models were presented by the Rev. L. H. Hinder, the Club Chairman. A Club Party followed the Exhibition. The Mayor made a voluntary donation of 10/- to the Party Fund, and this social event proved an unqualified success. All the responsibility was taken by local friends who gave the boys a splendid time. The Misses Muriel and Sylvia Lucas gave splendid assistance on this occasion, and also in the management of the Exhibition. Club roll: 85. Secretary: A. E. Ward, Osborne House, Pepsy Street, Harwich.

Pinxton (Nottingham) M.C. A Lecture on "Waterloo Bridge," delivered by the secretary, was highly successful. A Concert for members only was greatly enjoyed and a Lecture on "Famous Bridges" and a Gramophone entertainment also provided interesting evenings. A "Contractor's Night," the first held by this club, was recently organised and received with the greatest enthusiasm. Club roll: 56. Secretary: Harold Elliott, "Ivanhoe House," The Green, Pinxton, Nottingham.

(Continued on next page)

Chalmer's Church (Alloa) M.C.—At meetings members build models or play such games as quits and bagatelle, according to inclination. A very fine Lecture was recently delivered in the Church Hall by the Rev. Stevenson of Dunblane, the subject being "Palestine." Slides from photographs taken by Mr. Stevenson during his stay in Palestine were used to illustrate the Lecture, the proceeds from which were given to club funds. Another successful Lecture has been delivered by George Campbell on his holiday in Belgium, lantern slides again being used. A small Orchestra has been organised. *Secretary:* William Henderson, 13, Paton Street, Alloa.

Bromley County School M.C.—Has been revived after a temporary suspension of activities and two secretaries have been appointed, one to deal with club business exclusively and the other to attend to correspondence and report to Headquarters. Meetings are held on Friday evenings and sometimes on Tuesday evenings also. Members are very enthusiastic and an interesting summer syllabus, in which outings play a prominent part, has been arranged. Club roll: 13. *Secretaries:* W. A. Googe and E. W. Dunford, 74, Havelock Road, Bromley, Kent.

Westcliff & District M.C.—Is progressing well in view of serious handicap in the illness of the Leader, Mr. A. D. Cecil. It is hoped that Mr. Cecil will soon be quite well again. L. Jones recently won a prize for his Loom Model entered in a Meccano competition and had the distinction of a special mention and his photograph in the "Southend Times." *Secretary:* D. S. Cecil, 22, Valkyrie Road, Westcliff.

Victoria (Glasgow) M.C.—Model-building is the chief and favourite club-night feature. Recently stories were loaned from Headquarters and read aloud to members while Model-building was in progress. According to report, some of the members abandoned work to concentrate on the story, while the remainder concentrated on model-building and were unable to follow the story properly, thus proving that even Meccano boys cannot do two things at once. *Secretary:* Robert White, 22, George Street, Scotstoun, Glasgow.

Liscard High School M.C.—Consistently good progress is being made, the membership showing an increase. The last session opened with a Display of Models, followed by a Lecture by Mr. R. Samuel, the Leader, entitled "The Power of Silence." A Lecture on the "Raleigh" Motor Bicycle delivered by Mr. Warburton was well received, and a fine instructive evening's entertainment was supplied by Mr. G. Mercer, who heard and answered 101 questions on "Electricity." By permission of the School Headmaster and the Managers of the White Star Line, members recently inspected the liner "Cedric," and this proved a most enjoyable outing. Lectures on "Wireless" and "Flying" by capable exponents are arranged for future evenings. *Secretary:* Frank Donaldson, Liscard High School for Boys, Liscard, Cheshire.

Blagdon St. Andrew's M.C.—A recent Exhibition of Models was incorporated in the Fifth Annual Spring Show held at Bristol, Meccano competitions being organised. Ten girl members have joined the club during recent weeks and are reported to be as keen as the boys. They prepared paper flowers and other decorations which greatly enhanced the appearance of the Meccano Stall. Club roll: 32. *Secretary:* Miss K. R. Day, "Seymour Arms" Hotel, Blagdon, nr. Bristol.

South Africa

Malvern Wesleyan M.C.—The syllabus includes Model-building, Lectures, a Mock Trial, Visitors' Nights and Games. All members attended a Church Parade recently, the service being conducted by the President, the Rev. F. H. Kirkby. A visit has been paid to the "Sunday Times" printing works, and the 22 members present enjoyed the outing. A fifteen-mile Cycle Race was arranged but had to be postponed on account of bad weather. On Saturday afternoons Cricket, Cycling, Running and Swimming are enjoyed. H. Price, a member, deserves congratulation for a recent act of bravery. While standing at a street corner Price saw a runaway horse and van approaching. He started to run in the same direction and eventually managed to board the van from behind and secure the reins. After a severe struggle, during which one of the shafts was broken, he succeeded in bringing the frightened horse to a standstill. Club roll: 25. *Leader:* Mr. E. Sykes, Box 54, Cleveland, Johannesburg.

India

Delhi Children's M.C.—Recent events have included a Model Display. A Steam Engine Model was exhibited by the Leader, Mr. A. P. Mitra, and its mechanism explained part by part. The President, Mr. L. Raghbir Singh, presided. Several new members have recently been enrolled and preparations are now going forward for an Exhibition of Models to be incorporated in the Delhi Baby Week celebrations. *Secretary:* R. Raman, Charkhe Walan, Delhi, India.

Italy

Siena M.C.—Weekly meetings are held and are devoted to instructive Films, Model-building, Talks on various Engineering Subjects, and Hornby Train displays. In order to maintain a regular attendance a rule has been made by which a member missing four meetings without good cause is expelled. The membership shows a gradual increase since the club's affiliation. Club roll: 9. *Secretary:* Valentino Bruchi, 39, Via Ricasoli, Siena, Tuscany, Italy.

Competition results continued from page 277.

"Bridge" Competition

In this competition, as first announced in the March "M.M.," we are offering splendid awards for new Meccano models of a Bridge. The competition closes on the 31st May for readers in the British Isles, and entries from overseas competitors must be received by 31st August. Meccano boys should send along their efforts as soon as they are completed.

You may fashion your model from any type of bridge that you prefer. Cantilever, arch, girder or suspension bridges will be accepted; also transporter bridges, rolling, swing, draw—and lift-bridges, etc.

Entries will be divided into the following sections: SECTION A, for competitors residing in the British Isles; SECTION B, for competitors residing outside the British Isles. Competitors' ages will be taken into consideration when judging the entries. Prizes will be awarded for the best entries FROM EACH SECTION as follows: FIRST PRIZE, £3-3s.; SECOND PRIZE, £2-2s.; THIRD PRIZE, £1-1s.; SIX prizes of 10/6 each. A number of copies of "Meccano Standard Mechanisms" will be distributed as consolation prizes, and a few special Certificates of Merit will be awarded at the judges' discretion.

When you have built your model, you should send in a photograph or a good drawing, together with any explanations you may think necessary, although the latter should be made as brief as possible. Photographs or drawings will be returned if a stamped and addressed envelope of the necessary size is enclosed with the entry. Write your name and address on the back of each sheet used, and state your age, name of the competition, and section in which your model is entered. Mark envelopes "Bridge Competition."

"No. 4 Outfit" Competition

As announced last month, we are offering prizes for the best models made entirely from a No. 4 Meccano Outfit. Models comprising parts that do not appear in this Outfit will be disqualified. It is not necessary to use all the parts contained in the Outfit. Those boys who possess larger sets may compete, providing they use only those parts that are in a No. 4 Outfit.

Models should not be sent. A clear photograph or good drawing is all that is necessary: this will be returned if desired, providing a stamped addressed envelope of the necessary size is enclosed with the entry.

Entries will be divided into the following sections:—SECTION A, for boys under 12. SECTION B, for boys over 12 and under 16. SECTION C, for boys residing overseas, and not exceeding 16 years of age. Prizes will be awarded for the best entries FROM EACH SECTION as follows:—FIRST PRIZE: Meccano Products to the value of £2-2s. SECOND PRIZE: Meccano Products to the value of £1-1s. THIRD PRIZE: Meccano Products to the value of 10/6. CONSOLATION PRIZES, consisting of complimentary copies of "Meccano Standard Mechanisms," and a few special Certificates of Merit.

Closing dates for Sections A and B: 30th April. Overseas Section, 31st July.

You should send in a photograph or a good drawing of your model, together with any explanations you may think necessary, although the latter should be made as brief as possible. Write your name and address on the back of each sheet used, and state your age, name of the competition, and section in which your model is entered. Mark envelopes "No. 4."

Overseas Closing Dates of Previous Contests

"Motor" and "No. 2 Outfit" Competitions: entries from any country outside the British Isles must reach Liverpool not later than 31st May.

"Ship" and "No. 3 Outfit" Competitions: entries from any country outside the British Isles must reach Liverpool not later than 30th June.

A Local Meccano Competition

Mr. H. W. Bacon, a well-known Meccano dealer of London Road, Thornton Heath, recently organised a successful model-building contest for the benefit of local Meccano boys. Some of the entries received show a striking originality and indicate that Thornton Heath Meccano boys possess a commendable share of ingenuity and resource.

The first prize was secured by S. J. Harmer, who submitted a clever representation of St. Paul's Cathedral. The model was roughly 4 ft. in height, 4 ft. wide and 5 ft. long. It contained a peal of six bells, capable of operation by hand, and was fitted with four or five electric lights. The second prize-winning model was built by Gordon Harris and took the form of an aeroplane race. This contained cardboard scenery painted to represent the English Channel, with the cliffs of England and France on either side. During the run from the aerodrome to the cliffs and over the "channel" the aeroplanes rose about 4 in. in the air and descended in a novel manner. They were set in motion by Pulley Wheels and cord.

F. Fox gained the third prize with a smooth-running model of a horizontal engine, the design of which was well proportioned and showed much ingenuity, and a consolation prize was awarded to Miss Audrey Purchase, the only girl entrant in the Contest, who submitted a neat little model of a perambulator.

Overseas Results

Puzzles Page Suggestions

ERNEST BOXILL (Trinidad, B.W.I.), £1-1s.-0d.

Engineering Wonders Voting

This competition proved to be one of the most popular that we have held for our Overseas readers for some months. The final order of the voting was Forth Bridge, Eiffel Tower, Assuan Dam, Panama Canal, Canadian Pacific Railways, London Tube Railways and Wembley, and it will be seen that the list bears a remarkable resemblance to the results in the Home Competition. But nevertheless only one boy succeeded in giving the correct list.

1. J. MORRIS (Chateau D'Oex, Switzerland); 2. J. A. GOMES (Bombay, India); 3. C. E. H. WARNER (Grahamstown, S. Africa); 4. DOUGLAS THORP (Ontario, Canada).

20th Photo Contest

Section A—First Prize, S. M. P. SHOTHAM (Madras, T.C., S. India); Second Prize, L. MORRISBY (Hobart, Tasmania). Section B—First Prize, B. LINCOLN (Punjab, India); Second Prize, H. TSUMURA (Tokyo, Japan).

10th Drawing Contest

Section A—First Prize, F. J. KOOT (Rotterdam); Second Prize, SENJI M. P. SAMMIE (Madras, India). Section B—First Prize, N. JOLLY (Malta); Second Prize, IAN F. CALDER (Wellington, N.Z.)

11th Drawing Contest

Section A—First Prize, M. G. MITCHELL (Auckland, N.Z.); Second Prize, R. S. ROBINSON (British Columbia). Section B—First Prize, R. A. PETTY (Johannesburg, S.A.); Second Prize, C. C. SWEET (Alberta, Canada).

Cricket or Football Essay

Section A—First Prize, T. MCKELVIE (Auckland, N.Z.); Second Prize, A. DAVEY (Western Australia). Section B—First Prize, L. FISHER (Johannesburg); Second Prize, W. F. KALER (Dunedin, N.Z.)

August Essay Contest

The judging of this competition—the subject being "The Happiest Day of My Holidays"—was a particularly pleasant task. As we read the various essays we were transported in imagination from the bustle of a busy office to sunny beaches and peaceful streams, to tropical lagoons and waving palms. We envied our lucky overseas readers!

Awards:—Section "A"—First Prize, Miss M. BOXILL (Port of Spain, Trinidad). Second Prize—E. HOLDER (Port of Spain, Trinidad).

Section "B"—First Prize, L. FISHER (Johannesburg). Second Prize, A. ROBERTSON (Wellington, N.Z.)

Best Railway Puzzle

The special prize of £1 1s. 0d. offered for the best railway puzzle was awarded to G. J. CLERHEW, Vancouver, B.C., Canada.

Answers to Last Month's Puzzles

No. 183. The names of the books are as follows:—Julius Caesar, Great Expectations, Civil Government, It's Never Too Late to Mend, Liberty, City of Dreadful Night, Wild Wales, Jane Eyre, Quo Vadis, The Decline and Fall of the Roman Empire, Beyond the Sea, Timbuctoo the Mysterious, Travel with a Donkey, The Desert, Walk Across Africa, Path to Rome, Two Years Ago, She, Tom Brown at Oxford, Our Mutual Friend, Old Curiosity Shop, Much Ado About Nothing, As You Like It, All's Well that End's Well.

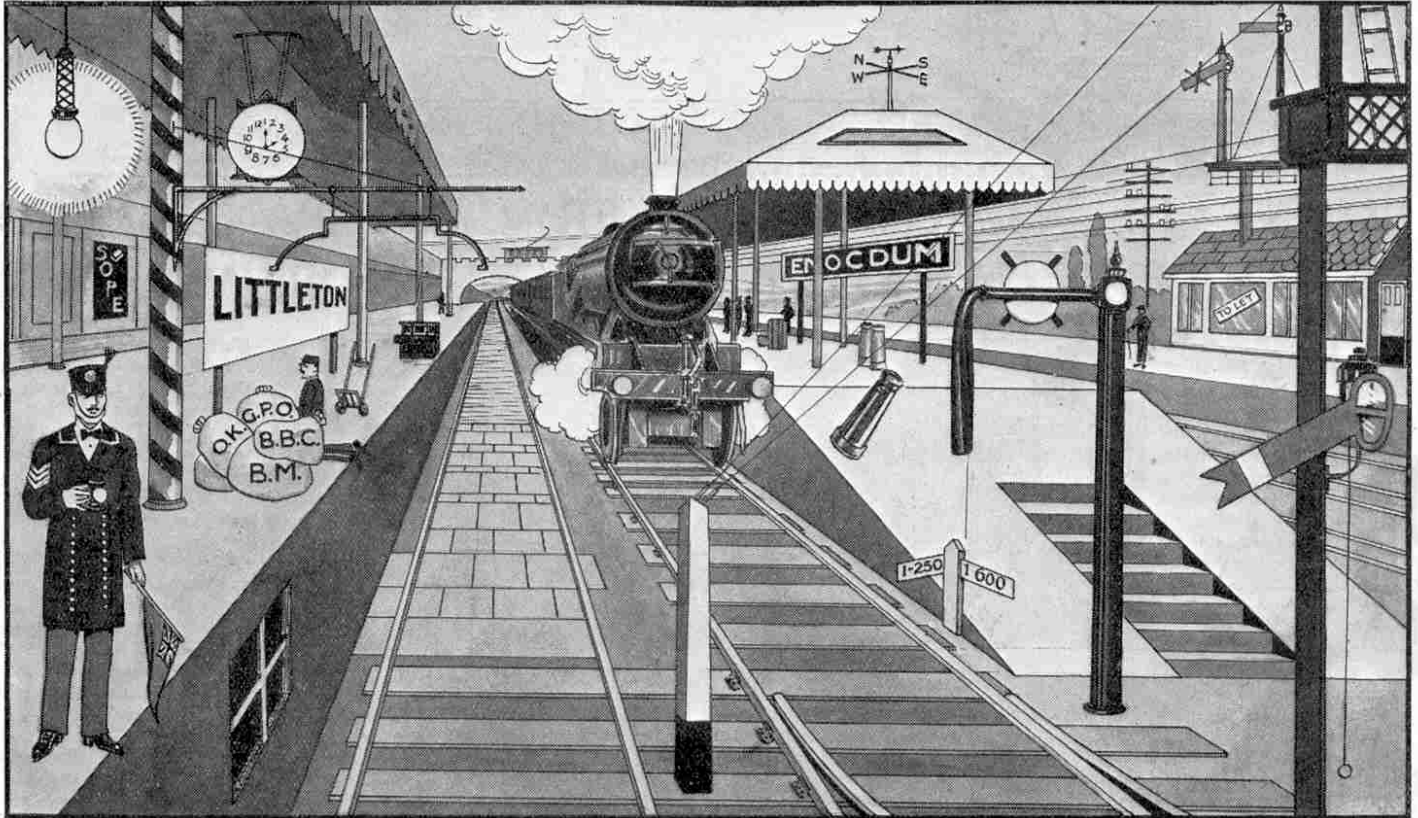
No. 184. "A stitch in time saves nine."

No. 185. Calling the sons A, B and C; A had three full boxes, one box half full and three empty boxes; while B and C each had two full boxes, three boxes half full and two empty boxes.

No. 186. A Walnut.

No. 187. The parts are (a) Train Coupling; (b) Dog Clutch; (c) Rubber Ring; (d) Flywheel; (e) Reed Hook; (f) Face Plate; (g) Rack Strip; (h) Screw Driver; (i) Eye Piece; (j) Spring Clip; (k) Bevel Gear; (l) Wire Line.

Competition Page



How Many Errors Has Our Artist Made?

We publish above the third of the new series of "Sharp Eyes" Puzzle Pictures. The conditions of this competition are familiar to most of our readers and the following notes will make everything clear to new readers.

In the above picture our artist has introduced intentionally a number of

errors, and the task of competitors consists in finding and making a list of these mistakes. Competitors' lists should be written on one side of the paper only and at the foot of the list the total number of errors found should be noted. The description of the mistakes should be kept as short as possible.

Four prizes of Meccano or Hornby Train goods (to be selected by the winner) to the value of £1-1s., 15/-, 10/6 and 5/- respectively will be awarded in order of merit to the four competitors who send in the longest lists of genuine errors.

Closing date, 30th April. Overseas, 31st August.

25th Photographic Contest

Our subject this month is "A RECORD PHOTOGRAPH." By this we mean a photograph of something of interest that is worth photographing so that when it changes or passes away altogether a record of it will still remain. The scope of such a competition is enormously wide. Old and quaint buildings, curious customs and industries, ancient furniture or carving, all come under the heading, and in addition much may be done in recording the changes that are taking place continuously all over the country. In almost all our towns, buildings are being demolished in order that old streets may be widened to cope with the growth of traffic and in country districts the same process is going on on a smaller scale, as, for instance, when some interesting cottage has to be removed in order to widen a narrow piece of road or straighten out a dangerous bend.

This contest should appeal very strongly to our overseas readers and we would remind them that subjects that are very familiar to them are probably strange, and therefore of great interest, to our home readers.

Prizes of Photographic Materials (or Meccano Products) to be chosen by the winners to the value of £1-1s.-0d. and 10/6 respectively will be awarded as first and second prizes in Section A for readers of 16 and over and Section B for those under 16.

Closing date: 30th April. Overseas, 31st July.

14th Drawing Contest

Suggestions for subjects for drawing competitions continue to be submitted in considerable numbers and for this month we have chosen a subject suggested by several readers—"A CRANE IN ACTION." There is no restriction as to the type of crane and we give our readers the choice of every known variety from small hand operated machines up to huge hammer-heads and other monsters. A glance through back numbers of the "M.M." will provide a great deal of material for intending competitors.

The usual two sections will be maintained, A for readers of 16 and over and B for those under 16, and prizes of drawing materials (or Meccano Products) to be chosen by the winners to the value of 15/- and 7/6 will be awarded to the entries adjudged first and second respectively in each section.

Closing date: 30th April. Overseas, 31st July.

Results

13th Drawing Contest

First Prizes—Section A, R. J. POST (Chippenham); Section B, R. G. EMM (London, W.2). Second Prizes—Section A, W. SCOTT (Glasgow); Section B, R. W. WICKHAM (Brighton).

February Puzzles

1. F. H. CULVERHOUSE (Sheffield); 2. S. EMMETT (London); 3. W. A. PEARMAN (Shrewsbury); 4. C. E. WRAYFORD (Aylesbeare, nr. Exeter).

"Battle of Wits" Prize

Judging from the entries received, this novel contest made a strong appeal to our keener readers and many ingenious traps were set in the dialogues.

The prize of £1-1s.-0d. was awarded to:—C. N. BEATTIE (Lewes.)

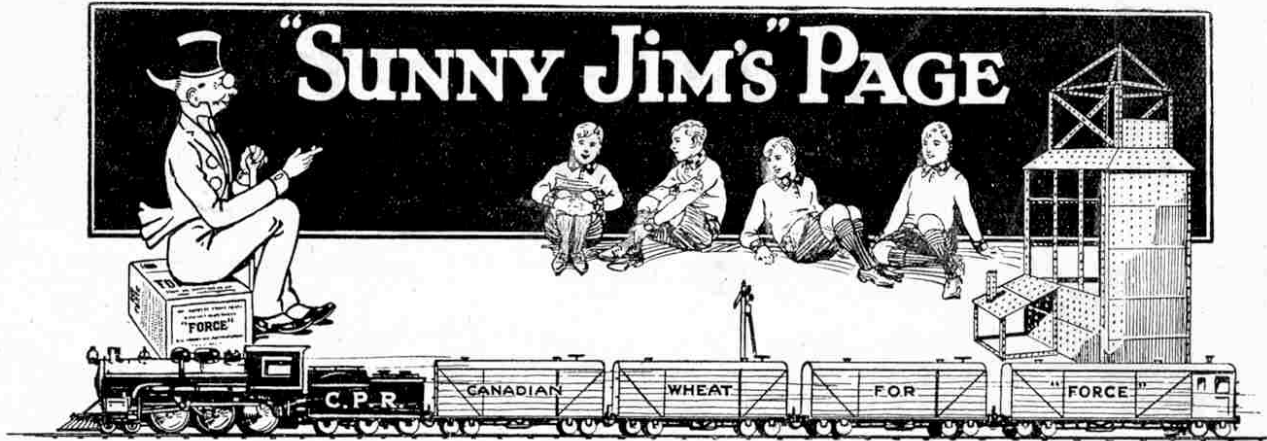
23rd Photo Contest

Section A—First Prize, P. LAMBERT (Harrigate); Second Prize, W. H. EVERDEN (Faversham). Section B—First Prize, A. H. FLETCHER (Cardiff); Second Prize, G. ROSS (Aberdeen).

February "Sharp Eyes" Contest

First Prize, C. F. FLOYD (Bristol); Second, J. S. HODGES (Gt. Berkhamsted); Third, W. MITCHELL (Exeter); Fourth, A. Sallis (Chislehurst).

Overseas Results continued on page 276



SUNNY JIM MAKES ANOTHER (AND BIGGER) PANORAMIC MODEL OF CANADA'S WHEATLANDS (WHERE "FORCE" COMES FROM)

On the "FORCE" Exhibit at the Ideal Homes Exhibition, Olympia, London Meccano boys saw the biggest panoramic model of Canada's boundless Wheatlands I have yet made.

As however, most of you live too far from London even to have thought of going to Olympia; I'll tell you what those two merry Meccano Boys, Dick and Harry, saw when they paid a visit to my Stand.

They were waiting for me just outside the doors of Olympia.

"Hullo! Sunny Jim," they cried, as I shook hands with them.

"Come on boys," I said, "this way."

We passed through the turnstile and were soon at the "FORCE" Stand.

"Oh! what a fine model," shouted Harry excitedly. It looks almost as though one could take a ride on the railway."

"I've brought my camera," said Dick. "I'll take a couple of photographs of it."

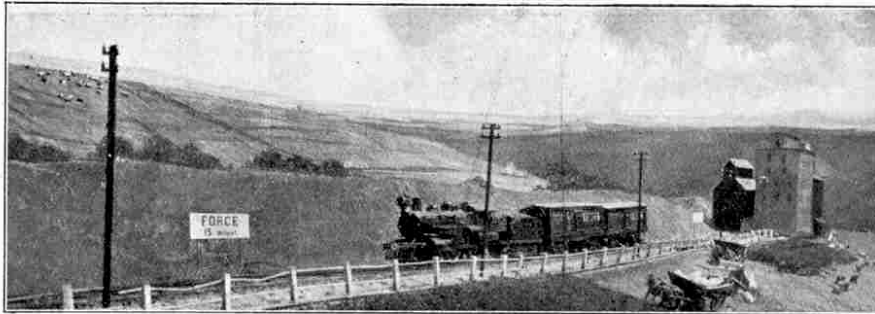
I have reproduced Dick's photographs so that, if you did not go to Olympia, you will know what the "FORCE" panorama looked like.

Dick and Harry were very much enjoying a plate of "FORCE" and fruit, when:—

"Tell us all about it," said Harry, between mouthfuls.

"Yes, do," added Dick.

"This panorama," I commenced, "is made of sacking, matting, paint, wood and glue. It is 20 feet



A "Close up" view of the "O" gauge C.P.R. track

broad and nearly 20 feet deep. It represents the huge prairie surrounding a town called Ayr, situated near the Great Lakes in Ontario, Canada. On this mighty belt of land the wheat used for "FORCE" is grown. Could you be there during the harvest which this model depicts, you could hear the "burring" of the great reapers, the droning of the threshers, the shrill whistle of the Canadian Pacific Railway engines as they rush along to the "FORCE" Mills, pulling trainloads of golden wheat."

"Are all those grains of wheat made into "FORCE"?" asked Dick.

"Yes, the wheat is taken to the "FORCE" Mill at Ayr (you can see the mill in the right-hand corner of the picture), where it is cleaned, then placed into huge steam cookers, and barley malt added. The grains are next rolled into flakes and toasted in electric ovens until they are crispy brown. The flakes of wheat that come out of the toasting ovens are now called "FORCE"—so you see, "FORCE"

is whole wheat, bran and all!

In England we call wheat Corn. "Corn" to a Canadian, is "Maize." "FORCE" is not "Corn," it is "Wheat," whole wheat, the finest wheat grown in the British Empire.

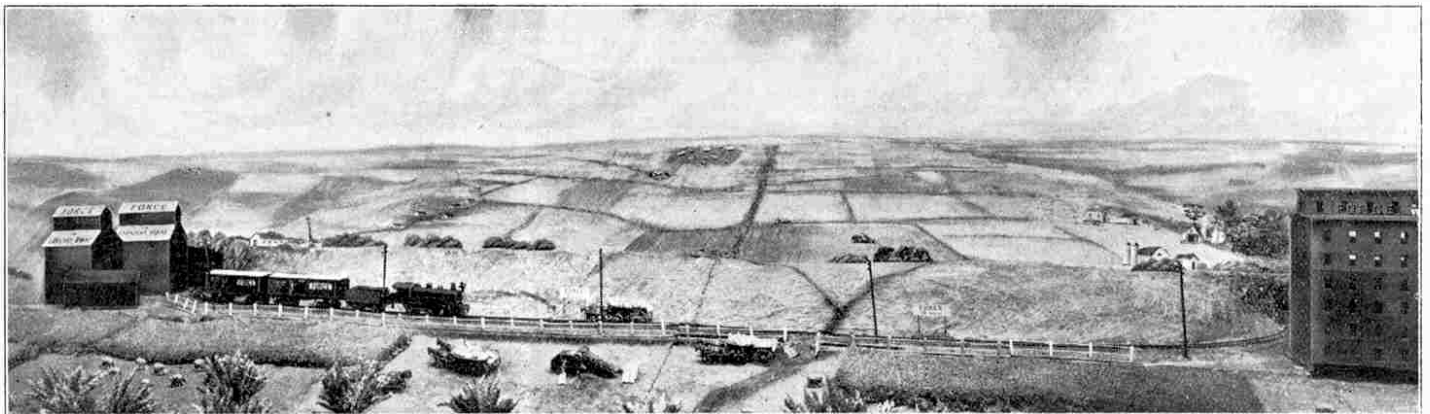
Wheat is the best and most nutritious food nature has given to man. In the form of "FORCE" it is most delicious and most able to do its work of building up healthy muscles and strong, virile bodies. Every boy who is a boy wants food that is going to fit him to fight life's battles with health and strength on his side. Every boy's mother will gladly see he gets this sort of food.

Do you eat "FORCE"? Most Meccano boys do. If you have still to know the scrumptious breakfasts, after-dinner sweets, and suppers you can have with "FORCE" and milk and "FORCE" and fruit, ask mother now to let you have your first trial packet. Mother's grocer sells "FORCE" for 9d. a packet. Tell Mother that there is an additional advantage to "FORCE" because it is served in a moment without cooking. Start away now to have "FORCE" for breakfast every day.

Yours faithfully,

Sunny Jim

197, GT. PORTLAND STREET, LONDON, W.1.



General view of the "FORCE" panoramic model showing "O" gauge railway, electrically driven



Fireside Fun

NOT QUITE WHAT HE MEANT!

A small boy who had been greatly disappointed that the long promised new baby brother had proved so helpless a thing, wrote a letter to his absent father.

"Dear Dad,—We are all quite well. Mother lets me play with baby every afternoon now, and he is now getting much more sense. Hope this finds you the same. Your loving son, Joe."

Customer: "How do you sell your cheese?"

Grocer: "I often wonder myself, madam."

Schoolmaster: "What is your name, my boy?"

New Pupil: "'Enry 'Obson."

Schoolmaster: "Can't you say sir?"

New Pupil: "Sir 'Enry 'Obson!"

Guard: "You don't mean to tell me this boy is under 12."

Passenger, on very slow train: "Maybe not, but he was when the train started."

"Mummy, why does Uncle John eat off his knife?" asked little Bobby.

"Hush dear," replied Mother in an agonized whisper, "Uncle John is rich enough to eat off the coal shovel if he preferred it."

POOR DAD!

A teacher in the East end of London received the following letter from the Mother of one of his pupils.

"Dear Sir,—Please do not give Charlie any more homework. That sum about 'How long would it take a man to walk forty times around Trafalgar Square?' caused his father to lose a whole day's work; then when he walked it you marked the sum 'wrong.'"

Q. Why is a mouse like hay?

A. Because the cat'll (Cattle) eat it.

First Passenger: "Doesn't that man eat a lot of food?"

Second Passenger: "Yes, I think he's one of those men they call a stowaway."

"What splendid binoculars," a man said to his friend. "Yes," said the owner proudly, "they are so powerful that when I look at the next village the church appears to be so near that I can almost hear the organ playing."

This Month's Short Story

The tomb of an old Potentate,
In the East was discovered of late,
And there, do you know,
Was the word 'Meccano,'
Inscribed on his engine of State.

* * * * *

Tommy had been playing cricket for his form eleven, and upon arrival home was describing the match to his aunt.

Tommy: "Yes, aunt, and what do you think, I took seven wickets for 40 runs."

Aunt: "Thomas! Don't exaggerate. I know perfectly well that there are only six wickets."

* * * * *



Move along there!

Small boy: "Will you go in there for me, mister?"

Constable: "What for?"

Small boy: "I want a catalogue and the advert said 'send a P.C.'"

* * * * *

THAT BORED HOME!

A Londoner who had had an American staying with him for some weeks had become very tired of his visitor's tall stories, but when they were caught in the midst of a very dense London fog, his turn came at last.

American: "Say, I guess this is some mist."

Londoner: "Oh, no, nothing extraordinary."

American: "But how do the automobiles get along?"

Londoner: "Oh, the first car makes a tunnel and the remainder follow it through."

* * * * *

Teacher: "Find the lowest common denominator —"

Willie: "Goodness, is that thing lost again?"

ONE FOR PAT!

An extremely bald headed American tourist while touring in Ireland met a rustic, ambling along a road. Pat possessed a great shock of untidy hair and the American, thinking to take a rise out of him, said, "Pat, have you never heard that brains and hair do not go together?" "Sure, and I haven't," replied Pat, "But I have often heard it said that an empty barn requires no thatch."

* * * * *

Policeman (Producing note book): "Come along my lad, what is your name?"

Motorist: "Aloysius Alastair Cholmondeley Cyprian —"

Policeman (Putting book away in a hurry): "Well, don't let me catch you again."

* * * * *

"Have you chanced to see a fox terrier, my lad?"

"Small black and white one, Sir?"

"Yes."

"With ears stuck up?"

"Yes."

"With a very short nose and stumpy tail?"

"Yes, that's it."

"No, I ain't seen him mister, but I knows the sort you means."

* * * * *

Tourist: "Why don't you buy a cycle?"

Farmer: "I would rather buy a cow."

Tourist: "Huh! you'd look funny riding a cow!"

Farmer: "Not half so funny as you would look trying to milk a bicycle."

* * * * *

Mother: "What are you playing with, Tommy?"

Very small son: "A caterpillar and two little kittenpillars."

* * * * *

DIFFICULT!

A visitor had told Tommy that his work was in Switzerland for the famous firm of Nestlé. Tommy was greatly interested. "Do you have to mind the cows?" he asked. "No, not exactly," was the amused reply. "I expect it must be awfully difficult work," continued Tommy, "Is it not very hard to make the cows sit on those little tins?"

* * * * *

Three little girls were discussing the merits of their respective fathers.

Said one, with a proud look, "My father is a poet, he just writes a few lines and gets £5 for them."

The second girl said, "Oh that's nothing, my father is a painter and gets £100 for each picture."

With a glow of triumph the third opened wide her mouth and with a glance of scorn retorted, "My father is a parson; he gets up in the pulpit, says a few words, and then it takes ten men with bags to carry the money."

ROLLING STOCK AND ACCESSORIES

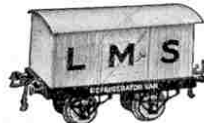
(HORNBY SERIES)

There are now 50 different train accessories—Stations, Signal-boxes, Lamps, Wagons, Level-Crossings, Foot-Bridges, Turntables, etc. Further accessories will be added to the system from time to time, and will be announced in the pages of the "M.M."

All Hornby Rolling Stock and Accessories are built in correct proportion to the size, gauge, method of coupling, etc., of the Hornby Trains and all have the uniformly beautiful finish that is the great feature of the Hornby series. With these accessories you can build up a most realistic railway system, and the splendid range of rails, points, and crossings make possible endless variety in rail layout. Hornby Trains are British made, and your dealer will be able to show you specimens of the new products.



BRAKE VAN
Finished in grey, with opening doors. Price 4/-



***REFRIGERATOR VAN**
Enamelled in white, with opening doors. Price 4/-



BRAKE VAN
Finished in grey, with opening doors. Price 4/-



***SNOW PLOUGH**
With revolving plough driven from front axle. Price 5/6



***GUARD'S VAN**
Realistic design, fitted each side with opening doors. Price 3/6



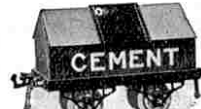
***No. 1 LUGGAGE VAN**
With opening doors. Price 4/-



***No. 2 LUGGAGE VAN**
Finished in blue and green. Fitted with double doors. Suitable for 2-ft. radius rails only ... Price 6/6



***MILK TRAFFIC VAN**
Fitted with sliding door, complete with milk cans. Price 4/6



CEMENT WAGON
Finished in grey and black. Price 4/-



***BREAKDOWN VAN AND CRANE**
Beautifully coloured in grey and black, with opening doors. Suitable for 2-ft. radius rails only ... Price 7/-



SECCOTINE WAGON
Beautifully finished in blue, with opening doors. Price 4/-



***No. 2 CATTLE TRUCK**
Splendid model fitted with double doors. Suitable for 2-ft. radius rails only ... Price 6/6



***No. 1 CATTLE TRUCK**
Fitted with sliding door. Ver realistic design. Price 4/-



SIDE TIPPING WAGON
Excellent design and finish. Price 3/6



ROTARY TIPPING WAGON
Finished in grey and green. Price 4/-



CRAWFORD'S BISCUIT VAN
Finished in red, with opening doors ... Price 4/-



CARR'S BISCUIT VAN
Finished in dark blue, with opening doors. Price 4/-



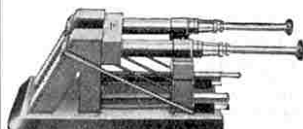
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Finished in crimson lake, with opening doors. Price 4/-



***GUNPOWDER VAN**
Finished in red, with opening doors. Price 4/-



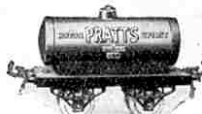
***GAS CYLINDER WAGON**
Finished in red, lettered gold. Price 3/-



HYDRAULIC BUFFER STOP
Price 5/-



PETROL TANK WAGON "SHELL"
Finished in red. Price 3/-



PETROL TANK WAGON "PRATTS"
Finished in green. Price 3/-



MOTOR SPIRIT TANK WAGON "NATIONAL BENZOLE"
Price 3/-



SPRING BUFFER STOP
Price 1/6



***CRANE TRUCK**
Finished in grey and black ... Price 4/6



***HOPPER WAGON**
Mechanically unloaded. Finished in grey and black ... Price 4/-



***TROLLEY WAGON**
Finished in grey and red. Suitable for 2-ft. radius rails only ... Price 6/-



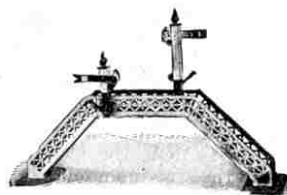
TURNTABLE
Price 5/-



TUNNEL
Realistic and finished in colours ... Price 7/6



HORNBY No. 1 TANK LOCO
Gauge 0, in colours to represent L.M.S. or L.N.E.R. Companies' locos. Price 12/6



FOOTBRIDGE
No.1. With detachable Signals Price 6/-
No.2. Without Signals ... 3/6
Signals only ... per pair 2/9

*Lettered L.M.S. or L.N.E.R.



HORNBY No. 2 TANK LOCO
Beautifully finished in colours to represent L.M.S. or L.N.E.R. Companies' locos. Fitted with reversing gear, brake and governor. ... Price 30/-

ROLLING STOCK AND ACCESSORIES

(HORNBY SERIES—continued)

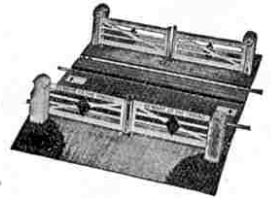


SIGNAL CABIN

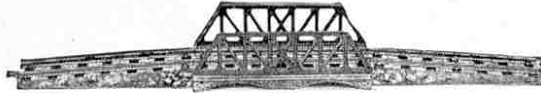
Dimensions: Height 6½ in., Width 3½ in., Length 6½ in. Finished in colour and lettered "Windsor." Roof and back open to allow signal-levers to be fitted inside cabin if desired.
Price 6/6



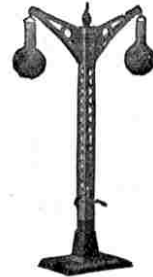
RAILWAY STATION. Excellent model, beautifully designed and finished.
Dimensions: Length 2-ft. 9-in., breadth 6-in., height 7-in. Price 12/6



LEVEL CROSSING
Beautifully designed in colour. Measures 11½ x 7½-in. with Gauge 0 rails in position.
Price 6/6



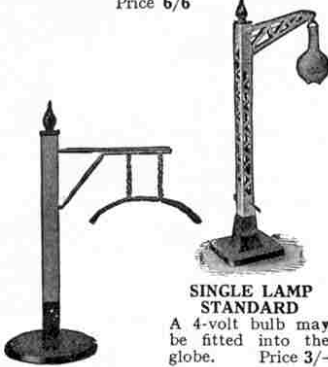
VIADUCT. Price 7/6
ELECTRICAL VIADUCT. Price 8/-



DOUBLE LAMP STANDARD
Four-volt bulbs may be fitted into the globes.
Price 4/-



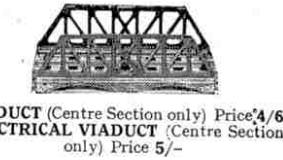
TELEGRAPH POLE
Price 2/6



SINGLE LAMP STANDARD
A 4-volt bulb may be fitted into the globe.
Price 3/-



JUNCTION SIGNAL
Signal arms operated by levers at base. Very realistic model standing 14-in. in height.
Price 5/6



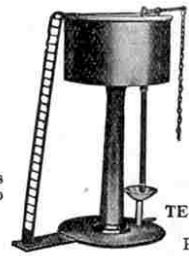
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ELECTRICAL VIADUCT (Centre Section only) Price 5/-



LATTICE GIRDER BRIDGE
Constructional type. Strong and well proportioned.
Price 10/6



SIGNAL
Price 2/6



WATER TANK
Brightly coloured in red, yellow and black, 8½-in. in height, with flexible tube and pump lever.
Price 6/6

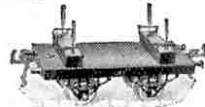
LOADING GAUGE
Price 1/9



***No. 2 TIMBER WAGON**
Beautifully enamelled in green. Suitable for 2-ft. radius rails only ... Price 4/6



No. 1 TIMBER WAGON
Beautifully enamelled in green.
Price 2/-



***No. 1 LUMBER WAGON**
Fitted with bolsters and stanchions for log transport.
Price 2/-



***No. 2 LUMBER WAGON**
Fitted with bolsters and stanchions for log transport. Suitable for 2-ft. radius rails only.
Price 5/-



PLATFORM ACCESSORIES
No. 1. Miniature Luggage.
Price per set 2/-



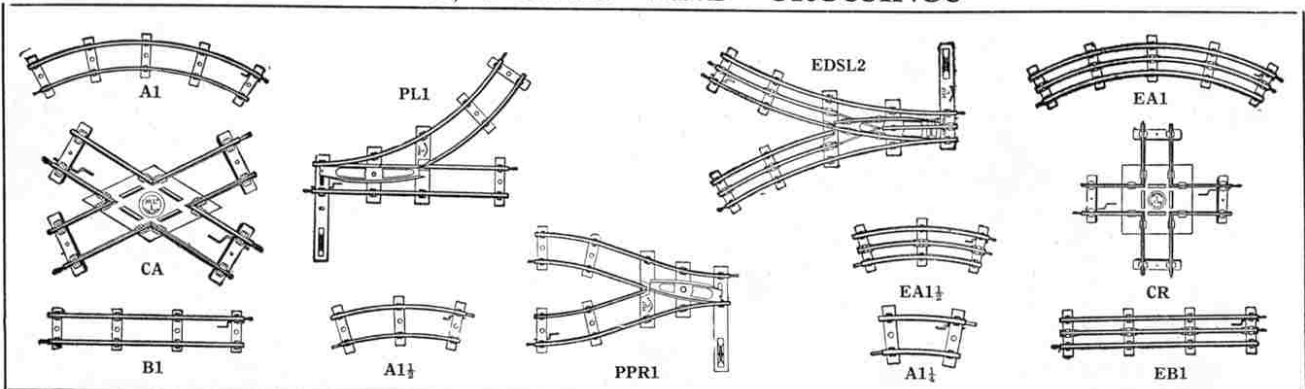
PLATFORM ACCESSORIES
No. 3. Platform Machines, etc.
Price per set 2/-



PLATFORM ACCESSORIES
No. 2. Milk Cans and Truck.
Price per set 2/-

*Lettered L.M.S. or L.N.E.R.

RAILS, POINTS AND CROSSINGS

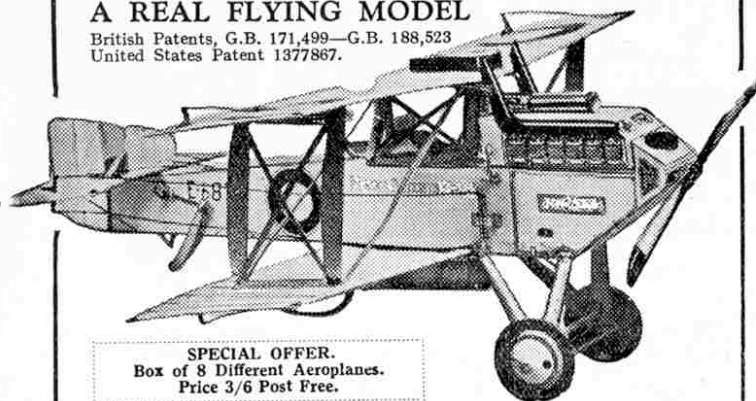


Hornby Rails, Points and Crossings are built for hard wear and for smooth running. They are made of the finest materials and hold together rigidly and strongly, for real workmanship is put into them. Note the great superiority both in quality and appearance of the Hornby rails compared with other rails and note also the extra sleepers, giving added strength and steadiness to the track. All Hornby Rails, Points and Crossings are Gauge 0, 1¼", and the Electric rails are fitted with a third rail for collecting shoe.

ASK YOUR DEALER TO SHOW YOU SAMPLES

A REAL FLYING MODEL

British Patents, G.B. 171,499—G.B. 188,523
United States Patent 1377867.



SPECIAL OFFER.
Box of 8 Different Aeroplanes.
Price 3/6 Post Free.

Build This Fine Model Aeroplane

The very thing for the dark evenings. The model has all the parts and controls that you'll find on the big planes. Elevators, ailerons, machine-guns, pitot tubes, windscreens and even a miniature dashboard with dummy instruments, gauges, etc. Real elastic shock absorbers are fitted to the landing wheels and tail skid.

When you have built up the model you can make it do everything that a real plane can do.

Size of Model 12", Span 13" Long.

Complete Set of Cardboard Parts printed in colours, together with all necessary Elastic, Wood, Wire and Book of Instructions.

PRICE 1/- (Post 4d. extra)

Our New 1926 Catalogue is now ready. Price 2d., post free.

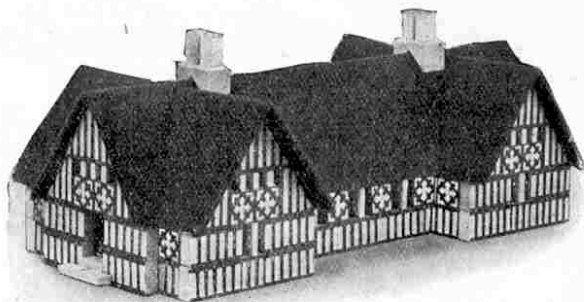
Send P.O. off to-night to:

WILLIAM E. APPLEBY (N/C) & CO.

(Dept. K.), 217, Jesmond Road, Newcastle-on-Tyne.

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A CHARMING RANGE OF NEW MODELS
IN THE TUDOR SERIES IS NOW READY



A Cheshire House, from Boxes 3 and 3a or Box 4

TUDOR BLOCKS

Box 1	12 Models	..	3/6	Box 3a (Supplement)	25/-
"	2 18	"	7/6	" 4 30 Models	42/-
"	3 24	"	21/-		

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From 2/- (6 Models) to 42/-

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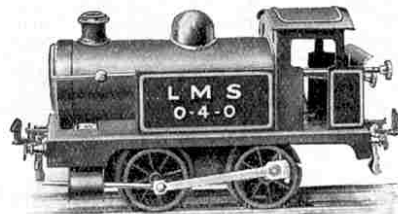
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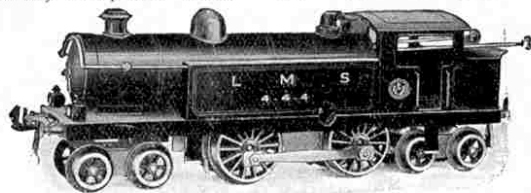
LOTT'S BRICKS LTD.
WATFORD

HORNBY TANK LOCOS

HORNBY No. 1 TANK LOCO

Strong and durable loco capable of any amount of hard work; richly enamelled and highly finished; fitted with reversing gear, brake and governor.

Gauge 0, in colours to represent L.M.S., L.N.E. or G.W. Railway Companies' Locos Price 12/6



HORNBY No. 2 TANK LOCO

Powerful model embodying all the characteristics of the Hornby series. It is 11½" in length and is fitted at both ends with a four-wheeled bogey. Beautifully finished in colours to represent L.M.S., L.N.E. or G.W. Railway Companies' Locos, and suitably lettered. Fitted with reversing gear, brake and governor. Suitable for 2 ft. radius rails only. Price ... 30/-

FROM ALL MECCANO DEALERS

JAEGER

Pure Wool

The New "Meccano" Jersey

This Jaeger "Meccano" Jersey is made in the special "Meccano" pattern. It wears splendidly and prevents chill when a boy gets hot, as every boy will sooner or later. The "Meccano" Jersey appeals to every boy at once as well as to the "grown-ups" who study the health, happiness and appearance of children.

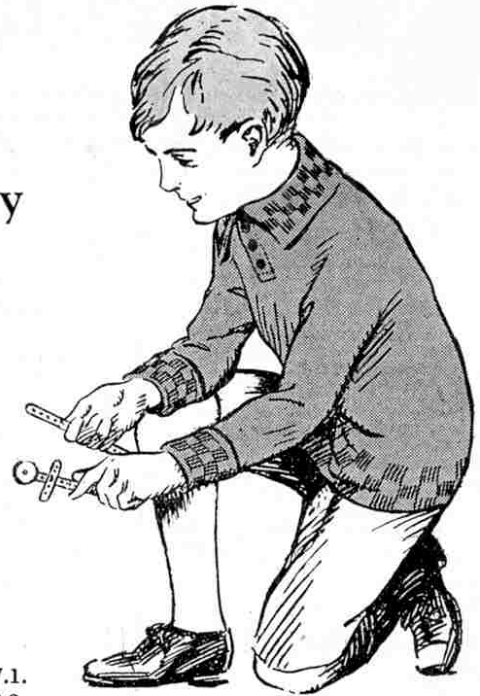
22"	24"	26"	28"	30" Chest
7/-	7/9	8/6	9/3	10/-

Colours :—Navy body with Light and Dark Saxe dice effect.
 Mid Grey body with Black and White ..
 Fawn body with Brown and Saxe ..
 Brown body with Fawn and Red ..
 Saxe body with Navy and Dark Saxe ..
 French Grey body with Lt. and Dk. Saxe ..

Three-quarter Hose, Turnover Tops to match
 3, 4 5, 6, 7 8, 9, 10
 2/9 3/3 3/9

Obtainable only from Jaeger Depots and Agents.
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THE MECCANO BOY KNOWS THE VALUE OF SECCOTINE

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WITH it he makes or mends things innumerable—Picture Frames, Models, Bats, Balls, Boats, Boxes, Bags, Books—Oh a hundred things. And then he can help his

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She will have Chairs, Tables, Beds, Slippers, Curtains—at least fifty things. And his

SISTER

Every day in life she will bring him something to be made or mended with his wonderful SECCOTINE.

THREE SIZES AT

4½d., 6d. and 9d. per tube.

WRITE FOR A FREE BOOKLET ABOUT WHAT SECCOTINE CAN DO
McCAW, STEVENSON & ORR LTD., THE LINENHALL WORKS, BELFAST

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The ten dealers whose advertisements appear on this page carry full stocks of Meccano Outfits, Accessory Outfits and Meccano parts, Hornby Trains and Hornby Train Accessories all the year round. The names are arranged in alphabetical order of town.

THE OXFORD SPORTS DEPOT,
117, St. Aldates',
OXFORD.

A. J. ROBERTSON,
39-41, Broad Bridge Street,
Tel. 374 PETERBOROUGH.

DEAN & HOLT,
701, Yorkshire Street,
ROCHDALE.

A. J. TINKER,
20, London Road,
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Your Magazines may be kept clean and tidy by enclosing them in the special binder we supply. Price 3/- post free, from Meccano Ltd., Binns Road, Liverpool.

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The "M.M." may be ordered from all Meccano dealers, or from any newsagent or bookstall. Price 3d. per copy. Direct subscriptions to this office will be at the rate of 2/- for six, or 4/- for twelve issues. As a rule, back numbers cannot be supplied, because we print only sufficient copies to fill our standing orders. To prevent disappointment, therefore, place a regular order either with your dealer, newsagent, or direct with this office.

Meccano Magazine, Binns Road, Liverpool

Boys!—

build a working model railway, realistic in appearance and efficient in operation, by using

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Model Railway enthusiasts will find their every want satisfied at the

Arundel Cycle & Sports Stores

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52, Church Road, Upper Norwood, S.E.19

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EXHIBITION of Members' Work KINGSWAY HALL KINGSWAY, W.C.1.

Thursday, April 15th—2 p.m. to 10 p.m.
Friday, April 16th—10 a.m. to 10 p.m.
Saturday, April 17th—10 a.m. to 10 p.m.

Admission:

Adults 1/2 Children 6d.
(Including Tax) (under 12)

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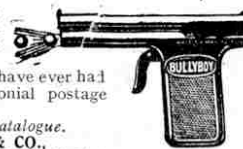
Real Revolvers firing blank cartridges. No Licence Required. Accidents impossible. Ideal for theatricals, races, sports, etc. Single shot, small Large 4/6 post free.



6-Chamber, blued steel or nickel, 7/6 post free.
8-Chamber, " " " 10/6
10-Chamber, extra large, heavy pattern, 15/- post free.
These are handsome guns, beautifully made and perfect in every detail. Cartridges 1/6 per 100. Carriage 9d. any quantity.

1/6 THE BULLY BOY 1/6

20 SHOT REPEATER.
Fires a pea 25 feet. Bright nickel finish, each in box with ammunition.



A better shooter than you have ever had before. Foreign and Colonial postage on all guns 9d. extra.

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A comprehensive little book on electricity giving all details of electricity in nature in experiments and in its practical use. Full of illustrations and with dictionary of electrical terms at the end. Post Free.
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Provide healthy, ideal and safe exercise for boys and girls.

They have become almost as much a necessity as a Meccano or a Hornby Train.

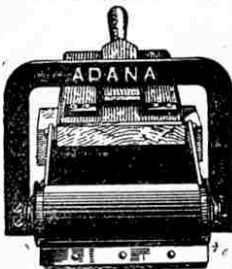
Our Sales are increasing every day and our prices, THE LOWEST IN THE TRADE, will remain the same whilst our present stock lasts.

No. 3 with Threaded Clamps and Case-hardened Steel Wheels are only 5/- pair
No. 5 with best Ball-bearing Wheels 10/- "
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Postage and Packing 1/- per pair extra.

Send at once to

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45/-

COMPLETE PLANT

This massively constructed Printing Machine is the most wonderful of its kind, being sold at a tenth the price of any other of the same size with similar advantages. It is capable of turning out every class of printed matter

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Play Billiards in your Home on a RILEY BILLIARD TABLE

A P.O. for 14/- will bring a Home Billiard Table to your door.

The balance you pay monthly. Cash prices from £7. "Combine" Billiard and Dining Tables from £22 10s. or in monthly payments. Carriage Paid. Free packing case. 7 days' approval.

E. J. RILEY LTD., Deal Works, ACCRINGTON.



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Purse and Pocket Knife Given Away to All who buy a Pen!

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GUARANTEED TO SAIL!

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SPECIFICATION. Four white sewn sails, fitted with rings giving adjustable tension. Hull painted and varnished in colours. Mast removable. Lead keel. Length of hull:—18".

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Everything in Stock.

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HOBBIES' DÉPOT,

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NEW CYCLES FOR EASTER!

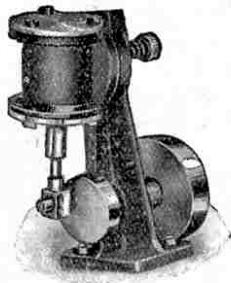
Famous "Legion" Cycles.	Boys' or Gent.'s Models	...	from	£4	17	6
	Girls' or Ladies'	...		5	5	0
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Sole Ealing Agent for "Famous James,"	Genuine B.S.A.	...		6	12	6
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Deferred Payments arranged.

Unlimited time guarantee with every machine.

Send for free Catalogues and full particulars.

**KAIN'S "Guarantee" SERVICE (Cycle Makers since 1898),
THE GROVE, EALING, LONDON, W.5.**



"I am very pleased with the plant which drives a Meccano model at terrific speed although I have used 3 sets of reduction gear. The S.T. plant must be the most powerful engine on the market for its size."

Thus writes a customer. The engine shown above can be built with a screwdriver and we give full instructions. We guarantee the engine to work well.

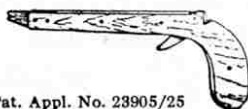
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Send stamp for list 12M or 6d. for complete "Engine" catalogue (80 pages).

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Pat. Appl. No. 23905/25

is the very thing if you want some good sport.

You can learn to shoot quite accurately but quite harmlessly.

You can shoot the loop at a match box across the room and hit it. You can shoot at a mark on the window but not break the glass.

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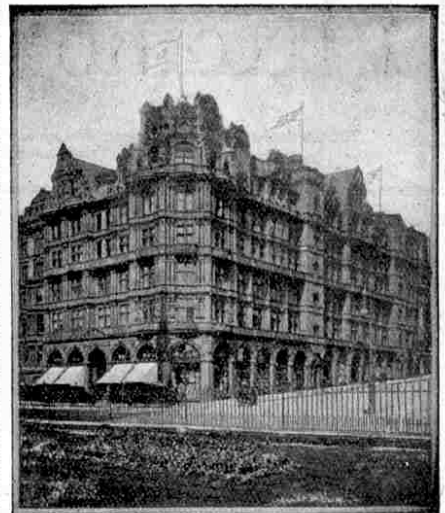
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MAKE YOUR OWN ELECTRIC LIGHT

These wonderful Dynamos light brilliantly 4-6v. lamps, and are very easy to work. 5/6, post 6d. Will also work as Electric Motors.

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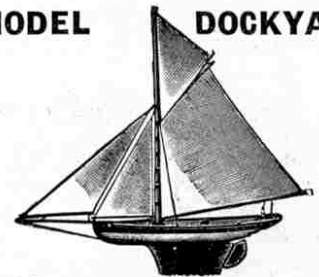
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Always in Stock.

WORMAR STEAM ENGINES

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MECCANO AND OTHER MODELS

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Send 1½d. Stamp for List "M."

C. H. LORBERG
CUTLER & OPTICIAN

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Post Free **THE NEW GAME** Post Free
7½d. **"GALE BILLIARDS"** 7½d.

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Gale's, Replingham Rd., Southfields, London, S.W.18

Tell Mother Gale's repair Sewing Machines. It does not matter what make of sewing machine it is, or how old. **Correct Needles, Shuttles, Bobbins, Belts, Oil, Parts, etc.,** for any machine sent on request by postcard or letter to Gale's, Replingham Rd., Southfields, London, S.W.18.

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Just as Stevenson's Steam Engine brought about a new era in engineering, so has the Wormar Steam Engine for Meccano revolutionized the methods of Meccano workers throughout the whole world. We have received large numbers of unsolicited letters testifying to the tremendous additional pleasure and instruction Meccano workers of all lands have derived from the use of this engine with their Meccano sets. Realism has always been the goal of model workers and the Wormar Engine not only enables you to drive your models exactly like the real machines you are imitating, but when you see the clouds of steam, and hear the roar of the high speed engine coming from your Meccano Steam Crane, etc., you feel you are really making engineering models and not just clockwork toys.

Being drilled with standard Meccano drilling (by kind permission of Messrs. Meccano Ltd.), the engine can be transferred from one Meccano model to another by removing 4 screws.

THE WORMAR ENGINE FOR MECCANO gives colossal power and tremendous speed, and being sturdy British make is totally different from the cheap foreign engines.

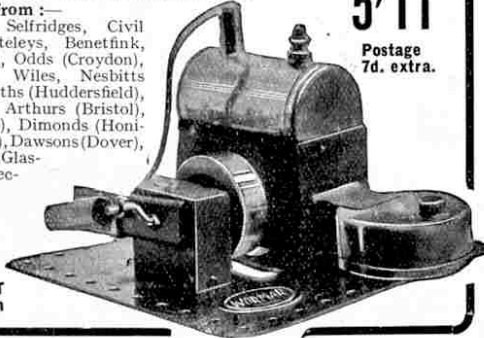
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5/11

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"DIXIE" MOTOR BOAT

A beautiful little model 21 inches long. Made with either Clockwork or Steam Drive. Spray-hood and hull hand painted; decking hand polished. Price 21/- carriage paid.

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Our Catalogue of Model Ships and Power Boats

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It is not an ordinary catalogue of prices, but a real magazine of information regarding Power Boats, Ships, Fittings, etc. There are over 80 pp. of wonderful photographs and illustrations, together with full particulars of

REDUCED PRICES for FITTINGS,

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NEW MODELS

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Kiddies enjoy this All-British Toy

They skip as they scoot and the easy up and down motion of their body is all that is necessary to send the Skip-Skoot flying along. Skipping is good for health. Skip-Skooting combines them both and adds a joyous thrill. Easy to master and most fascinating. Both feet kept on footboard, so does not wear out boots. Notice the adjustable support. A kick puts it into position and you leave the Skip-Skoot standing upright. Price 19/6.

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Chock full of Bounce — and British too!

YOU can't knock the bounce out of a genuine Sorbo—it outbounces and outlives all the stodgy foreign imitations.

Sorbo was the original British unburstable ball—it is still unbeaten. Don't waste money on flabby substitutes, insist on a genuine Sorbo.

Sorbo Bouncer

THE BALL YOU CAN'T BURST

Of all dealers. Prices 2½d. to 1/6 each. In assorted colours.

SORBO RUBBER-SPONGE PRODUCTS, LTD.
Sorbo Works, Woking.



Readers' Sales and Wants



If you have anything to sell or wish to buy anything take advantage of the service offered by a small advertisement in these columns.

The "M.M." is read by approximately 100,000 people every month. It circulates in every country where the English language is spoken. If you wish to sell your duplicate stamps, your rabbits, or your tools, or to purchase a loud speaker, a steam engine, a model yacht, or a hundred-and-one other things, you will be able to do so through the columns of the "M.M."

The rates are one penny per word, with a minimum

of 1/- (cash with order).

Your advertisement must be received before the 10th of the month for insertion in the following month's issue.

If a Box Number is used, 4d. should be added to cover the cost of postage of the letters to the advertiser from this office. The letters will be posted one week after the advertisement appears, and a second batch a month after the advertisement appears. They will be sent more frequently if additional postage is included with the advertisement.

IMPORTANT.—Advertisements dealing with any article in the Meccano Catalogue cannot be accepted.

READERS' SALES

(Rate: 1d. per word, min. 1/-).

For Sale. 100 Small and 50 Large Cigarette Cards at 6d. per dozen.—Morrissey, Kilcoran House, Cahir, Tipperary.

Boy's Magazines, Nos. 1 to 32, 2/6. Mechanical Boy, Bound, New, 6/6.—King, 49, Motcombe, Dorset.

Cinema Films—Topical Budget—Drama, together 1225 feet, 6/6, 1st Miniature Table Railway Set, 7/6.—Powell, St. John's Vicarage, Worcester.

Wanted. Gilbert's Sunshine Recorder and Rain Gauge, with instructions.—Kellert, 3, Exeter Street, Saltburn, Yorks.

Sale. 10 copies Magnet, 24 Hobbies, 30 excellent Fretwork Designs, 14 sets Cigarette Cards in Albums, 380 loose. Cheap.—Evans, Bryn Fawng, Maenan, Llancarw.

Steam Engine, Horizontal, 21/-, take 10/-. Sterling Baby Speaker, 57/6, take 30/-. Both perfect.—Mackenzie, Glesfinlas, Corstorphine, Edinburgh.

For Sale. Diana Air Pistol, very accurate. Shoots slugs and darts. Nearly new. Price 10/6 (cost 15/6). 4.5 volt Electric Motor, never used, 5/-.—Jerram, 63, Boundary Road, East Ham.

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2 Brownie (Box) for sale with case. 1st class condition. What offers?—R. Bristow, Sutton-at-Hone, Kent.

Books, Toys, Fretwork Tools, etc. Send Penny Stamp for List.—Box 402.

Miniature Table Railways. Sizes 8 and 10, 25/- and 12/6, also extras. Take 25/- lot. Excellent condition. Bargain.—Sadler, The Larches, Four Oaks, Warwickshire.

No. 4 Midg. 1/4 plate Camera, speeded shutter, tripod, frames, masks, squeeze, material, practically new, genuine bargain, 25/-.—Riddington, Field Terrace Road, Newmarket.

15/- Powerful 4 Cylinder Engine (Steam or Air), without boiler. Also Magic Lantern, Slides, Generator, etc. No further use.—Rutter, Crudington, Wellington, Salop.

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Railway Magazines, Pitmans' Commercial Self Educator, Pitmans' Commercial Encyclopaedia, Sale or Exchange Wireless.—Gardner, Upper Bridge St., Stirling.

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TABLE FOOTBALL GAME "Soccer." Real Goal and Nets. Wonderful Value. 1/6, Post Free.—Stokes, Millbrook House, Luton.

CINEMATOGRAPH FILMS, cheap British-made Machines and Cinema Accessories.—Filmeries, 57, Lancaster Road, Leytonstone, London.

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Patents, Trade Marks, Inventions Advice Handbook & Cons. free.—B. T. King, Regd. Patent Agent, 146a, Qn. Victoria St., London, E.C.4. 40 years' refs.

CINEMATOGRAPHS, Films, Accessories. Bargain second hand parts, Stamp lists, Baby Cine and Films cheap.—J. Humphreys, 40, Davenant Rd., London, N.19

Cinema Films for Sale or Hire, 6d. per 100 ft. Write, K. Skelhorn, Greystones, Gaskell Rd., Altrincham, Ches.

Cinema Films for Sale, Cheap, Write for Lists.—W. Wiseman, Viewpark Drive, Burnside, Glasgow.

Eswey Watches

THE "KENT" MODEL. A gentleman's full-size Pocket Watch. Every part interchangeable and fully guaranteed. Keyless Winding. Strong Nickel Silver Dustproof Cases, 5 years' warranty. White Dial with Seconds Indicator. Timed to 30 seconds a month. Send P.O. and have one on 7 days' trial. Satisfaction **10/-** or money back. Post Free. An "Eswey" Silver Chain Presented Free. **Eswey Watch Co., 17, Cobbett Rd., London, S.E.9.**

CUT THIS OUT. 'Meccano' Pen 3d. Coupon, Value 5d.

Send 5 of these coupons with only 2/9 direct to the Fleet Pen Co., Fleet Street, E.C.4. You will receive by return a splendid British 14-ct. Gold Nibbed Fleet Fountain Pen value 10/6 (Fine, Medium, or Broad Nib). If only 1 coupon is sent the price is 3/9. 3d. less for each extra coupon up to 4 (Pocket Clip 4d.) Satisfaction guaranteed. Your own name gilt letters, either pen 1/- extra. **Lever Self-Filling Model with Safety Cap, 2/- extra.**

MECCANO MAGAZINE

Registered at G.P.O., London, for transmission by Canadian Magazine Post.

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.

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/- (post free) large size, and 6d. (post free) smaller size.

Advertisements

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.

Small Advertisements. 1/- per line (average seven words to the line), or 10/- per inch (average 12 lines to the inch). Cash with order.

Display. Quotations for space bookings, and latest circulation figures, will be sent on request.

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 not 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.

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 Meccano 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.

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Lines Bros. Famous Toys

THE'RE BRITISH MADE AND WORLD FAMOUS

Lines Bros. Toys are made at the largest Toy Factory in the world by skilled British Craftsmen. Each toy is well finished and soundly constructed, and the value is the finest the Toy World has ever seen.

For your protection as well as our own, Lines Bros. Toys are marked with the famous Red Triangle Trade Mark. Every toy that bears this Trade Mark is made to give you complete satisfaction, and your children countless months of happiness.

Look for the
Triangle Trade
Mark on all
these toys



The new "Faircycle" Association now being formed is in the interest of children, and membership will be free on application to all those purchasing a Faircycle.

FREE. A Folder in colours describing these Toys gladly sent on application to Dept. M.M.



The Pedal Fair kar

Regd. Trade Mark

Here is the very thing for the tiny chap. It is painted a gay, bright red, with nickel-plated handlebar and stem, rubber pedals, etc.

No. 4a No. 5a.

REDUCED PRICES 10/6 & 19/6

The Faircycle

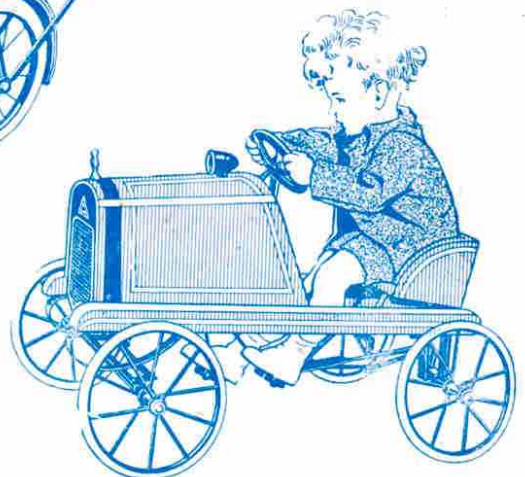
Regd. Trade Mark

The Faircycle is a real Cycle—not a make-believe. It is beautifully constructed, and runs ever so easily. It is perfectly safe too.

REDUCED PRICE 39/6

New Model Price 42/-

Similar to Model A but includes new Patent combined Stand and Carrier, a great improvement.



The Comet Motor

This smart little racing model is the very thing for boys and girls of 2½ to 5 years, and will stand plenty of rough wear.

REDUCED PRICE 21/-

Obtainable from all good Toy Shops and Stores.

Sole Manufacturers :

LINES BROS. LTD., 9, Fore Street,
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GAMAGES

Still Supplying Britain's Youth!

April . . . Evenings are drawing out and brighter weather is on the way. Gamages are ready with Cameras, Bicycles, Air Guns, Camping needs, etc., to see that Meccano

Boys miss none of the Joys of an open-air Summer. If you cannot call at Holborn, write (mentioning "Meccano Mag.") and tell us about your Hobbies, and we will send you a Catalogue about them—quite free!



MODEL RACING LAUNCH

30 ins. long. Will run for 20 minutes and will travel a mile on the water. Complete with 2-wick Lamp, Filling Funnel and detailed instructions. Post 9d. Price

12/6

LINE TELEGRAPHY

This consists of two complete stations, which may be used for transmitting over considerable distances. Just the thing for Morse practice. Post 6d.



13/6

TRIPOD MAGNIFIERS

Extra large Brass Tripod Magnifying Glasses. Very powerful—specially made for the study of Botany, Insect Life, Pond Life, etc. Very well made and finished.

Send for one to-day—they're good. Post free. Price

3/6



COMPLETE FISHING OUTFIT

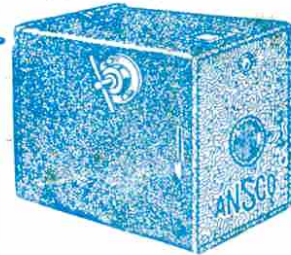
Each box contains 8 ft. 3 in. joint rod, rings and reel fittings. Reel, Lines, Floats, Gut Casts, Ledger, 7 Hooks to Gut, Plummet, Split Shot, Disgorger, Haversack, Worm Bag, Bait, etc. Price complete

21/-

"SEVENBOB" CAMERA

Daylight loading. Gives splendid pictures, size 2 1/2 x 1 1/2 in. Weight 8 ozs., size 2 1/2 x 3 3/4 x 4 1/2 in. Price

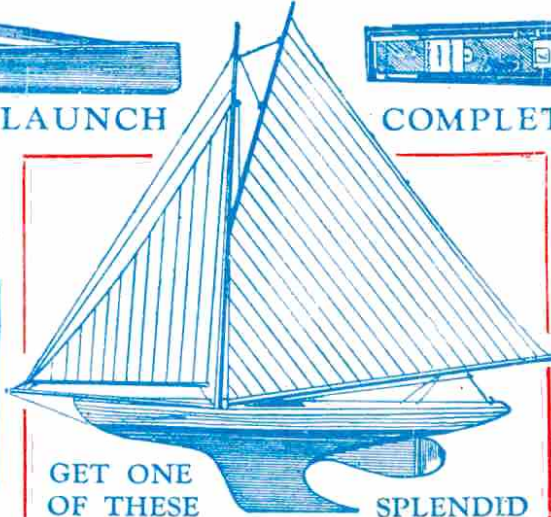
7/-



Know How Far You've Walked

with one of these splendid Pedometers. By pressing stop at top of instrument hands are immediately set to zero. Registers Yards and Miles to 100 miles (3 dials)

Price **13/6**



GET ONE OF THESE SPLENDID MODEL RACING YACHTS

4-Rater Type. These Yachts are beautifully finished, and the Rigging, Sails, etc., are arranged so that they may be adjusted as speedily as possible, which is very necessary when racing. Absolutely the finest Model Yacht you Boys can have. 15 ins. long. Price

19/9

18 ins., 27/6; 21 ins., 35/-; 24 ins., 48/6; 27 ins., 62/-; 30 ins., 92/6; 38 ins., 125/6; 46 ins., 180/6. The 30 ins. and upwards are painted in two colours and have Automatic Steering Gear.

LESS THAN 3^{d.} DAY!



Get Dad to Buy You a GAMAGE "POPULAR"

—the finest Bicycle in the World for Boys' Hard Wear. Fitted with our celebrated "Holborn" Tyres, which are guaranteed for 12 months. The actual Cash Price is

85/-

Carriage Paid or you can obtain it on deferred payments.

7/-

deposit secures delivery, balance payable in 12 monthly payments of 7/-. Cat. post free on request

7/- down

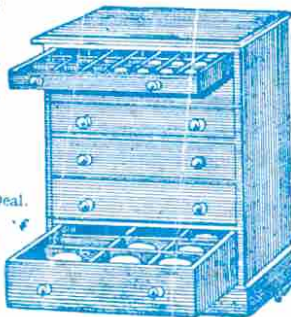
Everything for the YOUNG NATURALIST

Butterfly Cases and Nets, Egg Cases, Drills, Blowers, Entomological Tins, Climbing Irons, Setting Boards, etc., etc., no matter what your requirements, Gamages will supply them at the lowest prices possible for goods of such quality.

BIRD'S EGG CABINETS

As illustrated, Polished, Stained Deal.

Draw's.	Part's.	Width.	Depth.	Height.	Polished Deal.	Stained Dark Oak.
4	68	12	9	13	22/6	28/6
6	116	15	9	18	30/-	37/6
8	228	19	11	25	57/6	75/-
10	343	22	14	33	95/-	125/6



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Gamages stock all Hornby and Meccano Goods and send them Carr. Paid to any address in the United Kingdom.

MODEL AEROPLANE



A Splendid Hobby for this Summer. Larger Sizes To fly about 100 yds. . . . 6/9 To fly about 150 yds. . . . 8/6 To fly about 200 yds. . . . 10/6 Packing and Post 1/-

Tractor Aeroplane. Will rise from ground and fly about 75 yards. Strongly made of Ash with cambered Silk-covered Planes. Packing and Post 1/-.

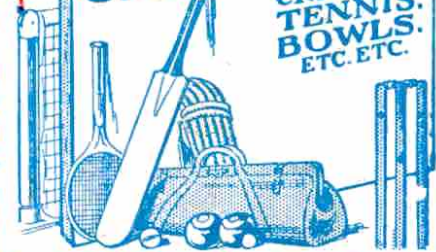
Price **5/6**

Play the Game!

—and play bang at the top of your form with Gamage Kit and Outfitting. Fully illustrated Summer Sports Catalogue free to all Meccano Boys. Send for your Copy to-day.

GAMAGES 1926 SPORTS CATALOGUE

CRICKET. TENNIS. BOWLS. ETC. ETC.



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City Branch: **BENEFINKS, CHEAPSIDE, LONDON, E.C. 2**

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