

INDEX

Vol. XXXI

Jan.—Dec., 1946

- Aeroplane Windshields, Bird-Proof,** 64
Aircraft:—Fairey "Spearfish," 269; French, 134; German Warplane Development 1944-45, 48; Handley Page "Hermes," 445; Hawker "Tempest" II, 9; Helicopters, 188, 241, 281, 494; Tailless, 356, 369; Vultee XP-81 Twin-Jet, 151
Anchors Old and New, 312
Architectural Modelling, Art of, 232
Aviation:—Bats, Gloms and Gorgons, 410; Dunlop Squat Tyre, 317; Illusions and Disillusions, 92; Journeys by Air, 222; "Python" Gas Turbine, 315
Bridge:—British Steel in Bridge-Building, 403; Forth, Overhauling the, 359; The English, 2; Victoria Falls, 270
Camera, Unique High Speed, 106
Cellophane Bags for Frozen Rivets, 96
Cement; Story of, 244
Conjuring Tricks for Christmas, 496
Cranes, Monotower Travelling, 144
Cromford Canal, 413
Cycling on the London Underground, 458
Diamonds are Trumps, 100
Dogs of "The Twelfth," 310
Editor, With the:—On the Road To-morrow, 1; One Hundred Years Ago, 45; Liquid Springs, 89; Diamonds, 89; Air Taxi of the Future, 177; Romney, Hythe and Dymchurch Railway, 133; L.N.W.R. Centenary, 265; Half Horse Power Insect, 221; Return of the Liners, 309; Locomotive Liveries, 353; Engine Names and Numbers, 397; Geoffrey de Havilland, 441; Future of Steam Locomotives, 485; Plastics, 353, 485
Fifteen Thousand Miles a Second, 148
Forging by Air Hammer, 51
Giant Graving Dock, South Africa's, 138
Have You Ever Thought About This?, 272
Hieroglyphs to Sound Writing, 370
Hornby-Dublo Railways:—Dadstone (Surrey), 516; Dinky Toys on Layouts, 383; Queries, 207; Sidings and Loops, 427; Signals, 30, 75; Station Work, 295; Tank Engine Topics, 251; Terminus Operations, 338
Hornby Gauge 0 Railways:—"Bincliff, Lakeside and Shedley Railway," 120; Details that increase enjoyment, 296; "Dolly Tub Express," 206; Garden, 252; "International Miniature Railway," Canada, 428; Logs and Other Loads, 164; L.M.S. Express Service, 339; "Making do," 32; Northern Ireland Layout, 76; Provan (Giffnock) Layout, 121; Queries, 207; Running Clockwork Locomotives, 384; Special Traffic, 429; Special Trains, 208; Tank-Engines, 473
How Things are Made:—Bricks, 152; Railway Rail, 146
Icebergs Ahead!, 398
Iodine, Story of, 198
Jewels of the Deep, 158
Life-Saving at Sea, 327
Linseed Oil and Linen from Flax Plant, 192
Meccano in a Costing Office, 68
Meccano Model Tool Room Machine, 118
Meccano Models:—Balance, 248; Band Saw, 424; Crane, Mobile Revolving, 336; Drill, 119; Fence-Making Machine, 70; Hay Turner and Tractor, 204; Invalid Chair, 468; Lawn Mower, 292; Liner 24; Meccanograph, 380; Motor Chassis, 469; Pilot Boat, 292; Rubble Loader, Mobile, 512; Saw, Automatic, 162; Saw, Circular, 71; Swing-Boat, 119; Telephone, 70; Vertical Steam Engine, 25, 425; Wringer, 162; Writing Cabinet, 248
Model-Builders, Among the:—Brake for Winding Gear, 334; Cantilever Springs for Cars, 290; Cinematograph, 290; Clock, 160; Clothes Hanger, 116; Coil Winder, 467; Crane Castor, 160; Crane Sling, 378; Creeper Track, 378; Delayed Action Release for Camera Shutter, 291; Differential for Small Cars, 116; Gear-box and Clutch, 514; Gear-boxes, 378, 423, 466; Governor, 202; Lathe Tool Saddle, 202; Locomotive Buffer Unit, 72; Lubricator, 291; Modified Swashplate Movement, 72; Momentum Motor, 72; Motion Converter, 161; Motor Car Radiators, 246; New Meccano Parts, Suggested, 26, 116, 161, 247, 334, 423; Orchestra, 203; Pulley Block, Built-up, 422; Reversing Mechanism for Motor, Automatic, 117; Servo Friction Clutch, 247; Speed Indicator, 514; Spur Gears Differential, 26; Steering Gear, 247; Steering Mechanisms, 466; Strip Bending Machine, 26; Toggle Mechanism, 27; Trolleybus, 117; Wall Clock, 422
Model Dock System, 22
Models of Well-known Ships, Scale, 114
Motor Lorry Fleet driven by Gas, 285
Nature:—Australia, Wild Life in, 328; Bat, Flight of the, 322; Moths, Giant Silk, 491; Spiders as Engineers, 140
Of General Interest, 197, 288, 323
On the Road, 417, 509
Over the Sands by Tractor, 316
Photographing Underwater Explosions, 182
Photography:—Action Portraits, 111; April, 157; Birds' Nests, 145; Caricatures, 510; Colour Filters for Landscapes, 200; Gaslight Printing, 21, 420; Indoor Pictures of the Family, 67; Meccano Models, 465; Moving Trains, 289; People at Work, 332; September Days, 376; Water Subjects in June, 239
Piercing the Rockies, 108
Plastics in Everyday Life, 364, 400, 454, 502
Radar in Action, 56
Railway Locomotives:—Doncaster's 2,000th, 273; How Engines are Turned, 449; Pennsylvania Railroad Giants, 4
Railway Runs:—A Rough Trip, 196; By C.N.R. through Canada, 235; "Plateau Limited," Nigerian Railway, 354; "Turbomotive," Footplate Trip on the, 442, 488
Railways:—A Rough Trip, 196; Driving, Some Notes on, 59; G.N.R. (Ireland) Exhibition Layout, 472; How Trains are Safeguarded, 228; Jack Frost stops the "Juice," 33; Kenview Model, London, 471; L.N.W.R. Centenary, 266; L.N.W.R. Models of Bygone Days, 340; Longmoor Military, 360; Models for Training Railway Staff, 18; Penrhyn, 102; Southern Railway Electrification Plans, 500; Swiss, 282; "The Olympian," 52; Track Changes, 181; Track Laying, Hornby Style, 326; Wheels and Tyres, 242; Whistle Language, 137
Reservoir, Ladybower, 14
Rubber from Potatoes and Coal, 191
Rubber Problem, Solving America's, 62
Ship Coaling in South Africa, 286
Ship Repair and Salvage, 414, 446, 506
Ships:—"Balaena," Whale Factory Ship, 486; "Beaver-dell," C.P.R., 243; Clyde Steamers, L.M.S., 462; Clyde Steamer Fleet, L.N.E.R., 276; Malta Convoy, Gallant, 107; "Patria," Largest Diesel-Electric, 141; Passing of the Forecastle, 173; Phosphate Carriers, Bulk, 12; Refrigerated, 90; Tankers for Lake Maracaibo, 58; Union Castle Liners, 185
Shovel, World's Largest, 95
Skein, The Giant, 225
Stamp Collecting:—35, 79, 123, 167, 211, 255, 299, 343, 387, 431, 475, 519
Submarine Power and Telephone Cables, 452
Tramway Lines, Repairing, 372
Trolleybus Progress, Recent, 65
Two-Stroke Engine, Triumph of the, 226
Welsh Marches, Walking the, 46
Whale Factory Ship "Balaena," 486
Whaling has started again, 6
Yachts and Racing Thrills, Famous, 320

Join the Well-Paid Ranks of I.C.S.-TRAINED MEN

MANY THOUSANDS MORE ARE URGENTLY NEEDED. PREPARE YOURSELF FOR A BETTER POSITION AND BETTER PAY

Ambitious men everywhere have succeeded through I.C.S. Home-Study Courses. So also can you. We offer you the benefit of our 55 years' matchless experience as the creative pioneers of postal instruction.



*If you need technical training, our advice on any matter concerning your work and your career is yours for the asking—free and without obligation. Let us send you full information regarding the subject in which you are specially interested. **DON'T DELAY.** Make **ACTION** your watchword.*

The successful man DOES to-day what the failure INTENDS doing to-morrow. Write to us TO-DAY.

The I.C.S. offer Courses of Instruction in a wide range of subjects, including:

- | | |
|--------------------------|------------------------|
| Accountancy | Joinery |
| Advertising | Journalism |
| Aeronautical Engineering | Machine Designing |
| Aircraft Eng. Licence | Machine-Tool Work |
| Aero Fitting and Rigging | Marine Engineering |
| Aeroplane Designing | Mechanical Drawing |
| Air-Conditioning | Mechanical Engineering |
| Architecture | Mine Electrician |
| Architectural Drawing | Mine Surveying |
| Boilermaking | Mining Electrical |
| Book-keeping | Motor Engineering |
| Building Construction | Motor Mechanic |
| Building Specifications | Motor Vehicle Elec. |
| Business Training | Plastics |
| Business Management | Power-House Attendants |
| Carpentry | Quantity Surveying |
| Chemical Engineering | Radio Engineering |
| Chemistry, Org. & Inorg. | Radio Service Eng. |
| Civil Engineering | R'way Equip. & Running |
| Clerk of Works | Refrigeration |
| Colliery Examiners | Salesmanship |
| Commercial Art | Sanitary Engineering |
| Concrete Engineering | Sheet-Metal Work |
| Cotton Manufacturing | Short-Story Writing |
| Diesel Engineering | Steam Engineering |
| Draughtsmanship | Structural Steelwork |
| (State which branch) | Surveying |
| Drawing Office Practice | (State which branch) |
| Electrical Engineering | Telegraph Engineering |
| Engineer in Charge | Telephone Engineering |
| Eng. Shop Practice | Textile Designing |
| Fire Engineering | Toolmaking |
| Fuel Technology | Welding, Gas & Elec. |
| Garage Management | Woodworking Drawing |
| Gas-Power Engineering | Woollen Manufacturing |
| Heating and Ventilation | Works Engineering |
| Hydraulic Engineering | Works Management |

And most of the Technical, Professional and Matriculation Exams.

YOU MAY USE THIS COUPON

(Penny stamp on unsealed envelope)

INTERNATIONAL CORRESPONDENCE SCHOOLS LTD.

Dept. 218, International Buildings, Kingsway, London W.C.2

Please send me the Syllabus of your Courses in.....

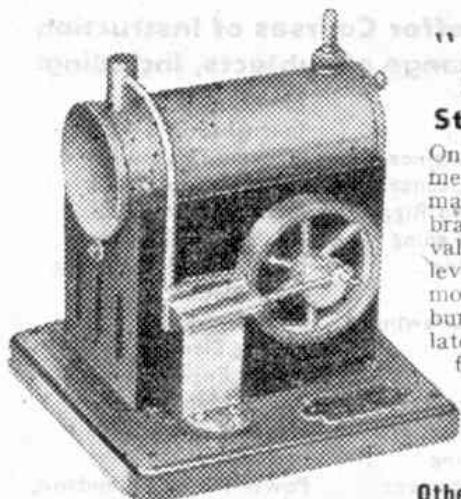
Name..... Age.....

Address.....





LIMITED SUPPLIES NOW AVAILABLE



"JUNIOR" Stationary Steam Engine

On enamelled heavy metal base. Boiler made from seamless brass. Fitted safety-valve and water-level plug. Each model supplied with burner for methylated spirits, and fuel and water funnel. Fitted with a pulley for driving models.

Other SEL Products

Induction Coils—4, 6, & 20v. Transformers—4/6v. Electric Motors—Telescopes—Microscopes—Electrical Outfits—Model Dynamos—4/6v. Electric Bells—Pocket Compasses—Etc.

POSSESSION of this sturdy Steam Engine, or any of the precision-made bench-tested models by Signalling Equipment Ltd. is a pleasure well worth waiting for, but you may be fortunate enough to find one at your dealer's.



SIGNALLING EQUIPMENT

LTD

REGD. TRADE MARK

Merit House, Southgate Rd., Potters Bar, Mddx.

MAIL ORDER
DEPT.33, Knollys Road,
STREATHAM,
S.W.16

XMAS GIFTS

	Post free each	3/3
Locomotive Engineers of L.N.E.R.	..	3/3
Locomotive Engineers of G.W.R., by Ben Webb	..	1/8 1/2
Engines of War, by Guy N. Wildish	..	1/8 1/2
L.B. & S.C. Locomotives, by F. Burt	..	3/9
Trains Illustrated (No. 4)	..	1/2
Romney, Hythe & Dymchurch Rly. Guide	..	7d.
Veterans of the Track	..	1/11 1/2
Locollection	..	1/2 1/2
War on the Line (fully bound)	..	8/-
My best Railway Photographs (L.M.S. or S.R.)	..	1/8 1/2
Round the Southern Fleet	..	2/9
World's Smallest Railway	..	2/9

(All Spotters' Editions available)

"CELONCITE" MODEL COLLECTIONS

Full-bodied metal models, finely coloured. FARM STOCK, grand array, 120 models, £3. ZOO, 85, £3. ARMY, 90, £3. (Larger, 184, £6). REDSKINS, Braves and Chiefs, 60, £2/5/-. Naval Personnel, 60, 42/-. J. BAGULEY, Pensilva, Nr. LISKEARD, CORNWALL

Useful Christmas Gifts

MOTORS. Small Motors for Models, etc., 3 1/2 to 8 volts, 2 1/2 in. x 1 1/2 in. x 2 1/2 in., weight 1/2 lb., 15/-.

MICROPHONE BUTTONS. Ex-G.P.O. 1 in. dia.; brass body forms the Granule Chamber, and the diaphragm is thin mica; needs only a 4 1/2-volt battery and transformer. Every Button guaranteed. Button only, 3/6, with high-ratio transformer and battery, 8/6. Instruction leaflet supplied with every Button.

RELAYS. 1000-ohm relays with S.P.C.O. contacts, 5/-. Telephone type, 2-coil polarized, 325 ohms, 8/6.

HAND LAMP fitted with Ever-Ready dry battery, unbreakable lens, robust metal case, with carrying handle, 21/-.

TELEPHONES FOR HOUSE AND OFFICE.

Constructors' Parts for Your Own Set-up.

WALL TELEPHONE SETS. Bracket Mike, vertical or horizontal, 10/-. Transformer and Condenser for same, 5/-. Magneto Bell fitted, 5/-. Switch Hook and Contacts, 2/6. Walnut Cabinet, 8 in. x 6 in. x 3 in., fitted terminals and connections, 5/6. Two L.R. Watch-pattern Earphones, 8/-. Hand Magneto Ringer, 10/-. SET AS ABOVE, 30/-, or 50/- PER PAIR.

G.P.O. Candlestick Microphone, carbon inset with switchhook for receiver, 5-ft. cord, 7/6. Postage 1/-.

CRYSTAL SETS. The Lesdix Bijou Crystal Set in bakelite case, condenser tuning, semi-perm. detector, 15/-. The Wall-Nut Crystal Set in robust G.P.O. Walnut box, tapped aerial inductance, condenser tuning, semi-perm. detector, 42/-.

ELECTRADIX RADIOS

214, QUEENSTOWN ROAD, LONDON S.W.8

Telephone: Macaulay 2159

THE MODEL CRAFT SHOP

Make a point to visit GOLDERS GREEN when next in London. Lots of good things now being shown and, who knows, we might have that MECCANO Set you have been looking for.

Regret no list available as yet.

GEORGE D. CAMPBELL

91, GOLDERS GREEN ROAD, LONDON N.W.11

LINESIDE BUILDINGS

	"00"	"0"
Rows of Houses (6) Back view	17/6	—
Platform Footbridge	15/-	27/6
G.W. Platform Water Crane	—	4/6
Coal Offices	3/9 & 4/6	6/-
Platelayers' Huts	1/6	3/6

POSTAGE EXTRA

BOOKS:

"Electric Model Railways"	..	2/6
"Working Model Railways"	..	2/6
"First Railway Across the Border"	..	2/8

Postage 3d. extra.

British Loco Types 8/-
Modern Locomotive Classes, 6/- Postage 6d. extra.

PARTS LIST, "0" or "00," 3d. per post.

TYLDESLEY & HOLBROOK, 109, Deansgate, Manchester 3

STAMP ADVERTISEMENTS (See also pages 518 and 520)

FREE—2/6 GREAT BRITAIN K.G. VI

This scarce high value stamp will be given free to all genuine applications for our famous ONE PENNY APPROVAL BOOKLETS of BRITISH COLONIALS. These Booklets abound with JUBILEES, CORONATIONS, VICTORY, Bi-COLOURED PICTORIALS and the latest K.G. VI stamps. The best value on the market. N.B. Enclose 2½d. stamp for Postage.

S. FENLEY LTD., Winton, BOURNEMOUTH

—COMPLETE SET FREE—

This month we are presenting to all Approval applicants who enclose 3d. for our postage, the two beautiful pictorial stamps just issued by New Zealand, which will only be on sale for a few weeks. Without approvals—9d. Write to-day whilst supplies are available.

THE GEM STAMP CO.

1729, LONDON ROAD, LEIGH-ON-SEA, ESSEX

GRAND SURPRISE PACKET FREE!

MAP, SHIP, TRIANGULAR and WAR STAMPS, HINGES and PERFORATION GAUGE. The whole collection free to those requesting our famous Approvals and enclosing 2½d. for postage.

L. E. THOMPSON

70, Cavendish Avenue, London W.13

MODERN APEX STAMP ALBUM
SPIRALLY BOUND—BEAUTIFULLY FINISHED
50 LEAVES 5/11**THONG BINDER**

With 100 APEX No. 1100 LEAVES (Capacity 250) 35/-

SPRINGBACK STAMP ALBUM

With 50 APEX No. 1102 LEAVES (Capacity 100) 9/11

FREE GIFT WITH ALL ALBUMS

SPECIAL PEACE ISSUES NOW IN STOCK. SEND 1d. for complete list. Coronations Mint and Used. Dominions and Colonies Mint. Buy now before these fine sets become too expensive.

Particulars of Approval and New Issue Service on Request for 1d. **ALL ITEMS POST FREE.**

WILLIAM GOODE LIMITED

19, CLIFTON ROAD, RUGBY

PEACE ISSUES (MINT ONLY)

Stamped addressed envelope please	
Aden 6d.	Kenya 8d.
Barbados 6d.	Mauritius 6d.
Br. Guiana 6d.	Nigeria 8d.
Br. Honduras .. 7d.	St. Kitts 6d.
Br. Solomon Is. . 5d.	St. Lucia 6d.
Cayman Is. 6d.	St. Vincent 7d.
Cyprus 8d.	Seychelles 8d.
Dominica 6d.	Sierra Leone .. . 6d.
Falkland Is. .. . 6d.	Somaliland 6d.
Falkland Dep. .. 6d.	Trinidad 6d.
Fiji 7d.	Hong Kong 2/-
Gambia 6d.	Australia 11d.
Gibraltar 5d.	Cook Is. 1/6
Gold Coast 8d.	India 2/-
Grenada 7d.	N. Zealand 4/6
Jamaica 6d.	Niue 1/6
W. Samoa. 1/6	

LETTS & CO., Importers and Exporters
65, St. Kilda Road, London W.13

THE WORLD'S GREATEST BOOKSHOP**FOYLES**
★ BOOKSELLERS TO THE WORLD ★

New and second-hand Books on every subject. Stock of 3 million volumes.

119-125, Charing Cross Rd., London W.C.2

Gerrard 5660 (16 lines). Open 9-6 (inc. Sat.)

SHORTHAND in One Week. Test lesson 3d.
DUTTONS (MO), 92, Gr. Russell Street, W.C.1

"CARDBOARD ROLLING STOCK AND HOW TO BUILD IT" 2s. 6d. (by post 2s. 9d.)

Fully illustrated and explaining in the most careful way how to build fully detailed 4mm. or 7mm. scale model rolling stock for your layout; equally suitable for expert or beginner. Get a copy to-day from your local model shop or send direct if unable to buy locally.

4mm. SCALE COACH NAME BOARDS

(by Acton Model Railway Club,
for whom we are Sole Distributors).

L.N.E. (to add the finishing touch to Dublo coaches).
The East Anglian, The Highlandman, The Aberdonian,
G.W.R. Cornish Riviera Limited, Cheltenham Spa
Express, The Bristolian.

Card of 12 name boards alike, 1/- (by post, 1/1).

E. RANKINE GRAY

691, Christchurch Road, Boscombe, Bournemouth
Model Shops supplied; send for trade list.

RADIO CONSTRUCTION

The finest results from the finest hobby—radio construction and operation—will be obtained by using

SPARKS' DATA SHEETS

which provide full constructional details, theoretical circuit, full-size detailed prints of drilling, assembly and wiring plans, and component list of noted

TESTED AND GUARANTEED DESIGNS

Here are a few of the many designs available in Data Sheet form. Send S.A.E. for full List "A."

BATTERY OPERATED. One-Valve Midget Portable M/L Waves, No. MP.1, 2/6; Three-Valve Ditto, Loudspeaker results, No. LO/S, 2/6; Two-Valve Midget, Med.-waves, powerful 'phone sigs., 9 V. H.T., No. LO/M, 2/6; Two-Valve Speaker Set, M/L Waves, No. LO/12, 2/6; Three-Valve "Straight" Set, good speaker sigs., Med.-waves, No. LO/3, 2/6; Three-Valve T.R.F. Set, M/L waves, No. LO/4, 2/6; Four-Valve Ditto, No. LO/8, 2/6; Short-wave Super Two, No. LO/2, 2/6; S. W. Three-Valve No. LO/7, 2/6.

SPARKS' DATA SHEETS

9, Phoebe Road, Brockley, London S.E.4

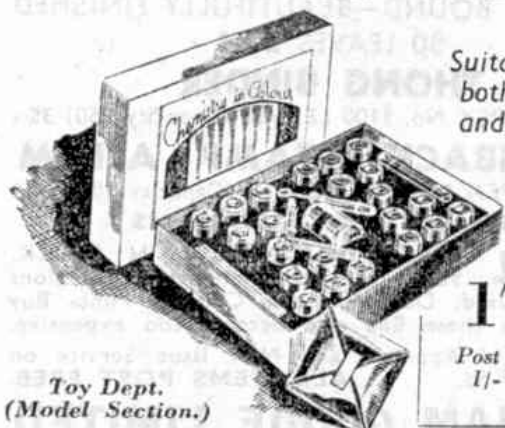
BUILD YOUR MODEL RAILWAYS FROM "SKINLEY" BLUEPRINTS

Hundreds of "0" and "00" gauge drawings for Locomotives, Rolling Stock, Trackwork, Lineside Buildings, Signals, etc. Catalogue 4d. We also have a model Ship Drawing and Ship Kit Catalogue, Price 4d.

JOHN E. SKINLEY

132, High Street, Southend-on-Sea, Essex

CHEMISTRY IN COLOUR



Suitable for
both Girls
and Boys.

17/6

Post & Pkg.
1/- extra.

Toy Dept.
(Model Section.)

All colours of the Rainbow can be produced and numerous other experiments performed safely at home.

Containers are clearly marked for quick identification.

Outfit complete with—

Test Tubes, Test Tube Brush, Glass Tubing,
Heat proof Asbestos Sheet, simple type
Spirit Lamp and Instruction Booklet.

All contained in strong cardboard box.

SELFRIDGES

SELFRIDGES LTD., OXFORD ST., W.1. MAYfair 1234

STUDY AT HOME FOR MATRICULATION



Wolsey Hall (Est. 1894) will coach you by post for London Matric.; School Cert., Engin. Prelim., Lond. B.Sc. Degree, Teachers' exams., etc. Tuition continued free if you fail; low fees, instalments, **PROSPECTUS FREE** from Director of Studies Dept. GK1,

WOLSEY HALL, OXFORD

CHEMISTRY APPARATUS!



Send Stamp for
COMPLETE
PRICE LIST

BOOKLETS:

"Experiments" 7d.

"Formulas" 10d.

"Home

Chemistry" 2/3

Post Paid

BECK (Scientific Dept. G), 60, High Street
STOKE NEWINGTON, LONDON N.16

MECCANO MAGAZINE

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

EDITORIAL AND ADVERTISING OFFICES:
LIVERPOOL 13, ENGLAND.

Telegrams: "Meccano, Liverpool."

READERS' SALES AND WANTS

SALES

"Meccano Magazines," December 1931 to April 1940 inclusive; also "The Motor," March 1936 to March 1937 inclusive. Offers?—Hudson, Willington Rectory, Durham.

"Meccano Magazines," consecutive copies January 1921 to June 1923; what offers?—Wingfield, 148, Cromwell Street, Sheffield 6.

"Trix Twin Train Set," complete as new; bargain; stamp for details to—H. D. Snell, "Bursley," Alsager, Stoke-on-Trent.

Whitfield King's World Stamp Catalogue, 1945, 7/6; "Marvels and Mysteries of Science," 5/-; "Britain's Modern Army," 5/-; many other books; stamp for particulars; excellent condition.—B. Ambler, 140, Corve Street, Ludlow, Shrops.

Live Steam Express Locomotive, Tender and Coach, length 3 feet; with 20 feet Steel Rails on wooden sleepers. Best offer, or would exchange for Duplo or Trix Layout. Write—Mr. Price, 20, Sowgate Lane, Ferrybridge.

WANTS

Meccano, any size or good Oddments; Clockwork Reversing Motor; also clean old "M.M.s"—A. Smith, 230, Soho Hill, Birmingham.

Meccano Magic Motor; good condition; price and particulars.—A. D. M. Dobbie, "Mertoun," 17, Gordon Terrace, Edinburgh.

Birds' Eggs; send details to—W. Davies, Central Stores, Talybont, Cards.

"Magnets," "Gems" and "School Boys' Own" Library Books. Good prices given.—K. Francis, 1, Wakefield Road, Brighton 7, Sussex.

BREED the Giant Silk Moths YOURSELF!

Cocoons in stock now (box and post 6d. extra)

American Species:	each	Indian Species:	each
Giant-Eyed Silk Moth	2/6	Giant Atlas Moth	4/-
Bull's Eye Moth	2/9	Golden Emperor	2/6
Robin Moth	3/-	Tussore Silk Moth	3/-
American Moon Moth	2/6	Tree-of-Heaven Moth	1/9
Cherry Moth	2/-	Indian Moon Moth	2/6

Beautifully Illustrated Pamphlet, on art paper, describing the various species that can easily be reared in this country. Price 1/- (post 2½d.)

From: **L. HUGH NEWMAN, F.R.E.S.**

(The Butterfly Farmer of the B.B.C.)

41/42, Salisbury Road, Bexley, Kent.

JUST PUBLISHED. "Talking of Butterflies, Moths and Other Fascinating Insects." By L. Hugh Newman, F.R.E.S., price 10/6 net (post 6d.) (One Chapter deals with breeding the Giant Silk Moths.) Beautifully illustrated throughout.

"Switch to Realism." By Post 2/9. Introducing novel forms of auto-electric control for model railways. Ready shortly but order now, enclosing addressed envelope (1d. Stamp) for acknowledgment.

Railway Hobbies Ltd., 86, Essex Road, Southsea, Hants.

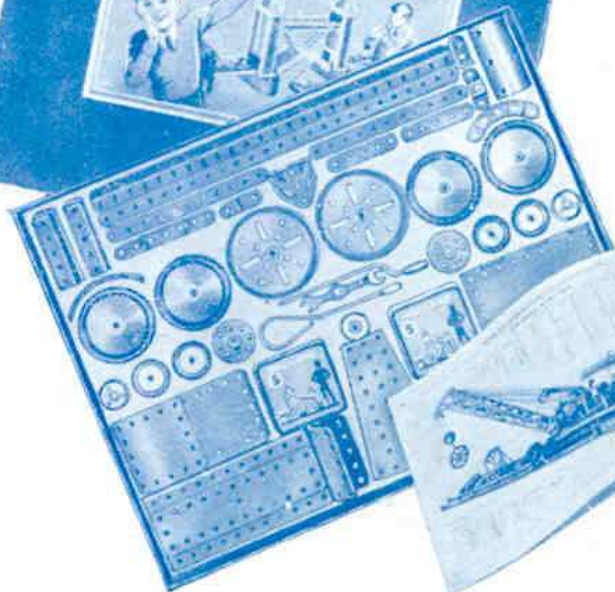
35 mm. films. All descriptions from 6/-. Baers, 176, Wardour St., London W.1. Hire Programmes 10/-.

MECCANO

DINKY TOYS
HORNBY TRAINS
DUBLO TRAINS



Meccano Outfits and Dinky Toys are once again in the shops, along with a few of the smaller Hornby Train Sets. An early visit to your local Meccano dealer is recommended.



*Obtainable ONLY from
Meccano Dealers*

MADE IN ENGLAND BY MECCANO LIMITED - LIVERPOOL