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Let's play with Lego 1971-72 Lay-out: Rolf Lagerson Copy: Hans Wennborg Publisher: A/S Lego System Reproduction: Burchardi, Copenhagen Printer: Theodor Körner, Stuttgart



Meet Mr. and Mrs. Stud

"Now my wife and I are going to show you the world of Lego" says Mr. Stud. "You'll see everything. Beautiful models. Suggestions on how to play. Hints on how to build with Lego, and at the end of the book you'll find a list telling you how much everything costs. Of course, we can't show you all the things you can build with Lego in the space of this book.

Use your imagination and build your own ideas with Lego. We'll just spark you off and leave the rest to you.

## Everyone can join in the action



Lego is much more than just a toy - it's a building system from which you can build any number of different toys.

You will have fun building the models and more fun playing with

them when they are finished.

The first Lego brick to be invented had 8 studs. All other Lego bricks started from this brick. The longer narrow bricks. The beams. As well as the smaller 6, 4, 2 and 1 stud bricks.

All Lego bricks fit together perfectly - and together they form what we call "The Lego System". It's a complete playing system.

It's not only fun to build with but every time you build you're learning and using your imagination as well.

Your parents will find it great fun too.

Lego can be put together in any number of ways. Seven bricks could be made into 9.5 million different combinations!

Some of them will be better than others because they have been built in the right way. - The Lego Way.



You start any Lego collection with a Basic Set. They come in a number of different sizes and at different prices. You can see how much they cost at the back of this book. So you can build thousands of different

You can go on adding to your Lego collection - set by set.

People who play with Lego – and nearly half the families in this country already have Lego sets – say that the more Lego you collect, the more fun you'll have.









Whatever you build with Lego, it holds together better if it is built the Lego Way.

To do this, you build up Lego bricks in the same way as real bricks. Place one brick on top of two others to form a strong construction. This picture will explain simply what we mean.

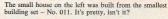






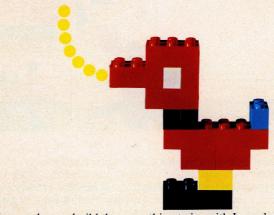








## How to have more fun with your Basic Set



You need never build the same thing twice with Lego, because you decide what you want to build everytime.

With Lego you can change your mind and rebuild models - until they're just how you want them.

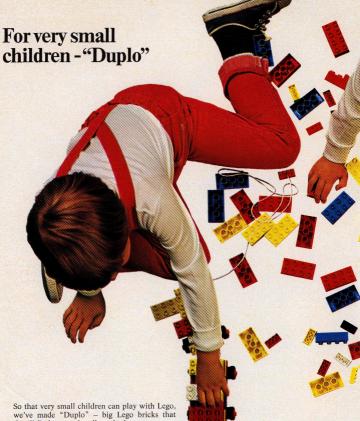
When you've finished playing with a model, just take it to pieces and build something else.











they'll find easy to handle and take apart - even if they're only 2 years old.

You can, of course, use Duplo with ordinary Lego bricks.

They fit together perfectly. You can put four ordinary 8 stud bricks on either side of a Duplo

Children still enjoy Duplo bricks when they get older and have built up a Lego collection. They can use them on larger models so they don't run out of ordinary 8 stud bricks.

Duplo is now available in three beautiful boxes. Set no. 510 contains different coloured Duplo bricks. The larger sets - nos. 512 and 513 also contain wheeled base plates for building cars, trains and animals which can be pulled along.























Did you know there's a real Legoland?

It's been built at Billund in Jutland – which is in Denmark.

Legoland is a large open-air park full of beautiful things for you to see.

It's open from May to September and every year 600,000 lucky people visit it.

The park is full of models built with Lego. There are houses, harbours and railways. Churches and castles.

There are space-age towns, farm houses and even a zoo full of Lego animals.

You can visit the Wild West and ride a horse. Or drive a small car at the Lego Traffic School. Or go on safari in a veteran car or sail on the river that winds through the park. Or visit the Doll Museum.







Whatever you do, you'll have great fun in Legoland – so will the family. There's plenty to interest parents – besides restaurants and cafes. But when you arrive in Legoland ride on the big train that runs round the park. You'll see where everything is and know where to find them later – don't forget to take your parents along with you – there's plenty of room.















I'M THE KING OF LEGOLAND

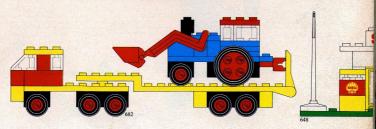
## Bild your own Legoland

Legoland cars and houses are a new, popular range.

You can build a whole town full of houses and Legoland cars are exciting and fun to play with. In fact, you can build a realistic city – packed with traffic and different types of cars.

What is more, Legoland cars aren't expensive. They're all at pocket money prices. So you can buy them one by one with your pocket money. You'll be pleasantly surprised when you look at the price list at the back of this book.







Build your own Legoland – full of houses and cars. There's a modern house (no. 345) with its own fence, garden and sports car.

It has a TV aerial and a tree in the garden.

The Swiss Chalet (no. 349) has a roof like

The Swiss Chalet (no. 349) has a roof like a real mountain hut.

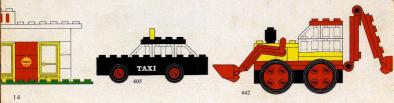
Or there's a beautiful house built in the southern style in set no. 350. We call it a Spanish Villa.

It has its own balcony, an arcade and a partially covered terrace on the ground floor.

Naturally, there's a kiosk (no. 608) in Legoland that sells newspapers and sweets. It has a phone box beside it as well.

There's also a Shell Petrol Station (no. 648), with the right petrol for any Legoland car.

And there's a garage in set no. 348, where you can leave your car overnight, with doors that open and close automatically.







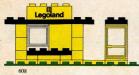






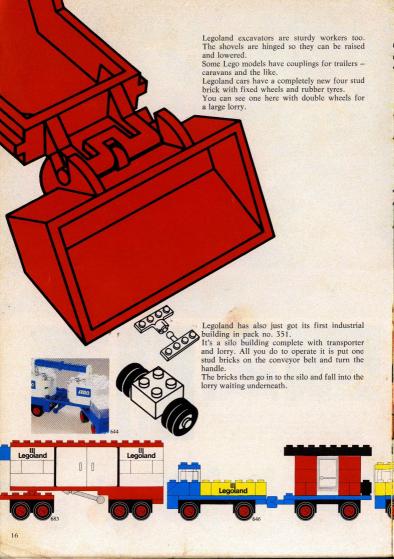
There is also a very speedy ambulance in pack no. 600 and in pack no. 601, a sturdy-look-ing towtruck.

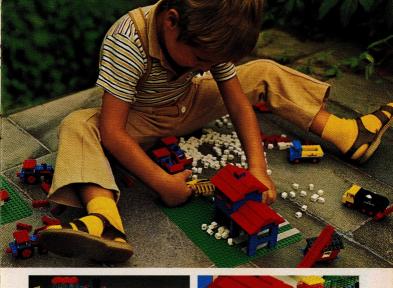


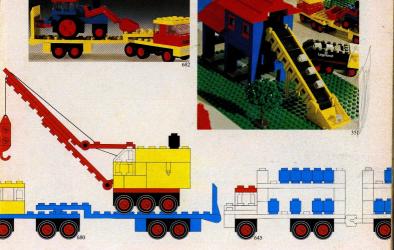












# At last! Furniture for Lego Doll's Houses















There's a table that can be used as a working surface or where you can put glasses and a decanter for soft drinks or milk. In fact, everything a kitchen needs right down to the last detail.

The Lego kitchen is pack no. 261.

You'll find the Lego sitting room in pack no. 260.

As you would expect, there's a sofa, a small table with a lamp and a larger table with 3 chairs.

There's also a book shelf full of books and a cupboard with four drawers that can be pulled out and with doors which open.



Put your small dolls with the Lego doll's furniture, to make everything homely.





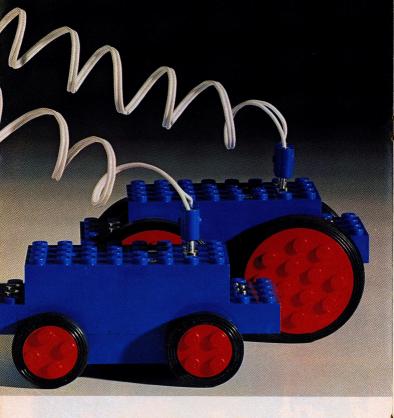
When you build the walls of your house, put in doors and windows, so you separate the kitchen from the living room. Use Lego bricks from your basic set. If you have some transparent bricks use them as windows. You'll find them in supplementary packs nos. 418 and 419. Otherwise, just build the walls and leave the window spaces open. There should be a door opening between the kitchen and the living room.

When you've completed the walls, you need to arrange the furniture. Then you are ready to move in.

You'll no doubt find all sorts of different ways to furnish the rooms. Try a few. Move the furniture around until your Lego home is really comfortable.







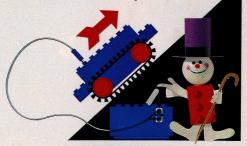
## A really tough and reliable motor

The Lego 4.5 volt battery motor will make your The Lego 4.5 volt battery motor is in set no. Lego models move. It has four wheel drive and volt motor.

If you use bigger wheels, you automatically increase the speed.

103, with all the accessories you need; motor any Lego wheels can be fitted to the new 4.5 frame, lead, caterpillar tracks, ordinary wheels with tyres and a battery box.

#### When you use caterpillar tracks, the motor can climb steep hills.



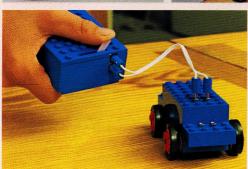
The three batteries go inside a battery box with You can build lots of moving models with the a change-over switch which you adjust to go 4.5 volt motor. backwards or forwards.

lead.

You can put it into lorries and tractors or use it The battery box is connected to the motor by a to power roundabouts and wind-mills, or put it in chairlifts, cranes, helicopters, aeroplanes and ships - that sail on land!











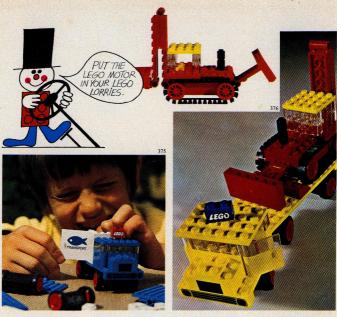
Look at these pictures and try to build the attractive models – all using the 4.5 volt motor.

Don't be afraid of playing with the motor while

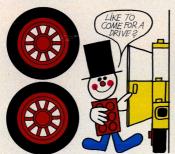




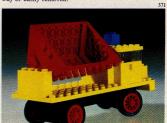


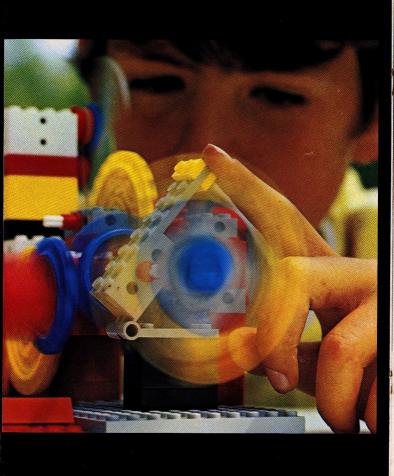


The semi-trailer with its excavator – no. 376 – is another new model. The excavator can be raised or lowered and fits onto the back of the trailer. At the front there is a big buildozer blade which is for clearing rubble and for working on the road.



Lorry no. 371 has a hopper which can be tipped either way or easily removed.





# Real machines complete with Lego gearwheels

With Lego gears you can build simple or complex machines.

You "gear up" for more speed and you "gear down" for more power.

It's easy to build with Lego gears.

The wheels are firmly held on the square section axles by a small built-in clip.

Lego gears come in three sizes.

The big yellow wheels have 21 teeth, the blue middle-sized wheels 15 teeth and the small red wheels 9 teeth. They come in three different Lego sets. All three sets have two big, three medium-sized and four small gear wheels as well as axles, 8 stud bricks with holes for the special axles and drive shafts that enable you to connect the gears to the Lego motor.



#### In which direction will the gear wheel turn?

Turn the wheel on the left in the direction of the arrow.

In which direction will Mr. Stud's wheel go?

The same way as the first one? - or in the opposite direction? You'll find the answer on page 37.







The largest gear wheel set, no. 800, also contains a 4.5 volt Lego motor with battery box and ordinary Lego bricks. Gear set no. 801 has the same gears and Lego bricks, but without the motor or the battery bex.\*

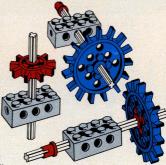
This set is most suitable for those of you who already have a Lego motor.

The smallest set – no. 802 – has only gears and accessories. To be able to use this set, you must have a Lego collection already.

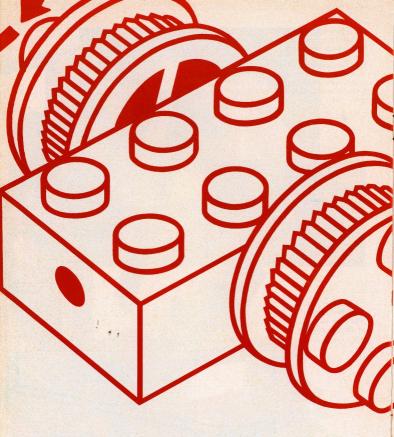
Gears make Lego machines turn

A big wheel goes faster than a smaller one. Small wheels have more power because you're changing down to a lower gear.









# All the extra Lego you need

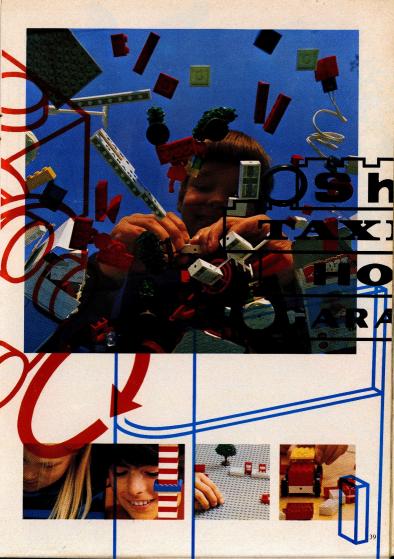
The Lego packs – numbered 400 – 494 – contain very useful "special" bricks.

There are also several packs with 8 stud, 4 stud and 2 stud bricks as well as round bricks and

If, for instance, you need more wheels, you'll find them in sets nos. 400 and 401. There are extra flanged wheels for trains in pack no. 403. There are more windows in pack no. 414.

and 2 stud bricks as well as round bricks and long beams.

Traffic signs come in pack no. 432 and there's a fence with opening gates in pack no. 494.





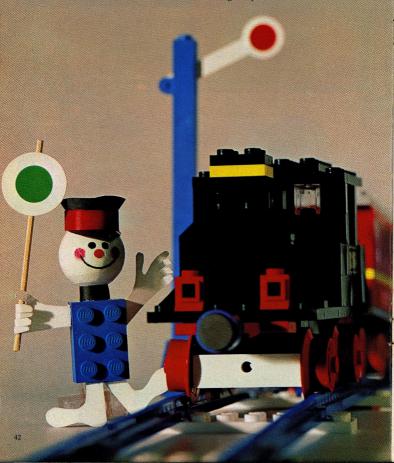


# Start playing with Lego trains here!

The Lego engine shown – no. 127 – is coming at top speed. It's a super train with magnetic couplings at back and front. You can drive it on straight and curved Lego rails in packs nos. 150 and 151.

Sleepers for the rails come in every pack. If you want to build a bigger train layout, you'll need points.

You'll find hand-operated points that fork left and right in pack no. 154.



So you can build sidings that lead off the main line.

In pack no. 155, there are special crossings which enable you to cross tracks on the same level. Now you can have a complete railway! But don't you think it would be a shame to leave your 127 train chugging along on its own?

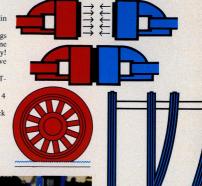
There's a fige passenger carriage — marked INT.

There's a fine passenger carriage – marked INT-EUROPE – in pack no. 123.

In pack no. 124, there's a goods van with 4 opening doors.

You can also build a tipping truck from pack no. 125.

All, incidentally, have magnetic couplings.



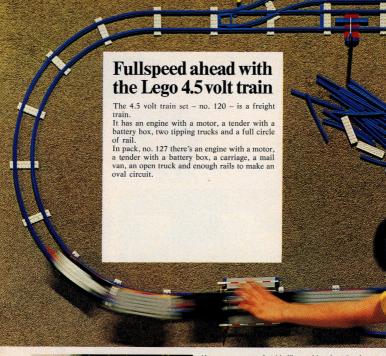






Build a tunnel with Lego bricks. You'll need quite a few and some more to build a station and houses to go alongside the railway.

If you don't have enough bricks for a tunnel as well, try cutting holes in both ends of an old cardboard box. This tunnel has been built with big Duplo bricks.





Here you can see what it's like to drive the 4.5 volt train. The tender – that's the small truck behind the engine for carrying coal – is made from a battery box with wheels.

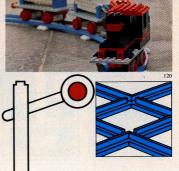
It's linked to the engine by a magnetic coupling. All you do is adjust the lever on the battery box and the train will go forward, reverse or stop.









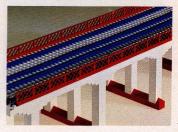


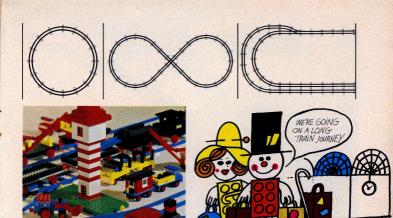


# Build a real railway

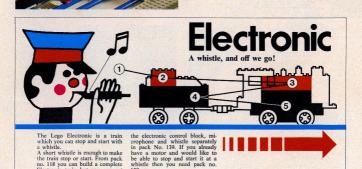








Here you can see some ways to lay out your railway. You can also build it with a bridge above the rails. Just build a railway bridge from ordinary Lego bricks. You could use straight or curved rails as girders too.

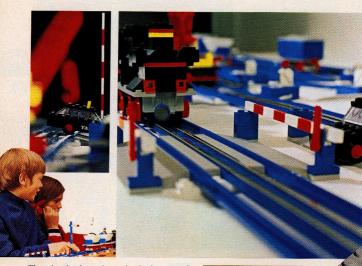


Electronic train but you can get

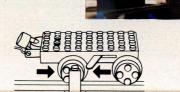
139.

If you want more rolling-stock - carriages, or freight waggons - then packs 123, 124, 125 are stop the train automatically when you set them for you. There is also a new breakdown crane in pack 128.

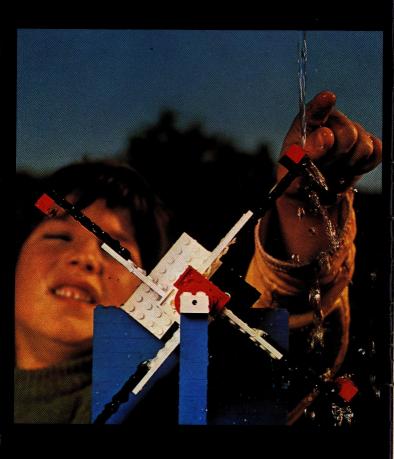
In packs 156 and 119 there are signals which at "stop".



There is a level crossing and a "pole reverser" switch which will make the train shunt to and fro automatically. These are found in the big train set 119 but can also be bought separately under the Lego Spares Service (see details of this Service in Lego leaflets from your local toy shop).





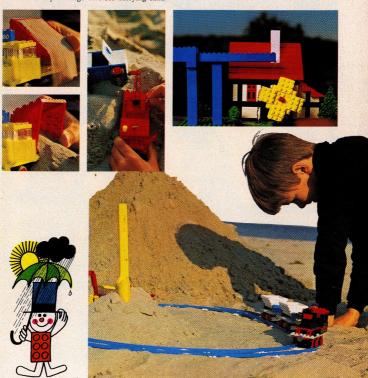


# Play with Lego out of doors

Lego can stand up to sun, rain, wind or cold temperatures. So you needn't be afraid to play with it out of doors. If you have a hose or tap in your garden you can build a waterwheel like the one on the left.

You can use your Lego cars for carrying sand

and gravel – tipping trucks are especially good for this. However don't get the motor wet: it may go rusty inside and not work properly. To please your Mum, rinse off all the sand on your Lego before bringing it back indoors.



#### Lego Duplo Big bricks for the very young.



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510 - 60 p

Big duplo bricks are ideal for children of about 1-2 years. A few standard size Lego bricks are included

to lead children naturally into many years of creative play.

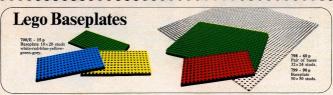
# **Basic Sets**

The start of a good collection.

For boys and girls from 3 or 4 years up to 12 (yes, and beyond!). Basic Sets contain a balanced selection of different bricks, giving endless scope to creative play. All boxes show many models built from the contents and children will design many more of their own.







### Gears





800 - £ 4.95















123 - £ 1.10

124 - 98 p Goods wa

125 - 65 p



118 - £9.50



128 - 88 p





122 - £ 3.85 Loco and te



127 - £ 7.40 Complete train



# 139 - £ 5.60 Electronic control unit.

### Motors

A powerful 4.5 v motor with 4 wheel drive plus bat-tery box for forward and reverse control. For vehicles, trains, machines, windmills, hoists, etc. Guaranteed for 3 months.











Colour your own Legoland

## Write to Lego

If you want any help building, write to Lego and tell us your problem. If you have any queries about what special bricks are available just write to

Lego. If you have any ideas for unusual Lego models that you think should be in the next edition of "Let's Play with Lego" write to Lego.

#### This is the address to write to:

British Lego Limited, Wrexham, N.Wales

