

A SIMPLE MODEL RAILWAY TRUCK

(Here is a model, the details of which were broadcast by "Modelmaker" in the IYA Children's Hour on June 4. You should find it an easy and pleasant job for a wet winter afternoon)

WHEN I was looking for a among these, I came across quite wheel that would mesh in a few wheels that had at one time the clockwork drive, one of been part of a toy train set. The the places I looked was among my rest of the carriages and trucks kiddies' broken toys. While looking were beyond repair. The idea

occurred to me, why not make a new truck and chassis? So I tried the idea out. No doubt there are many of you in the same position.

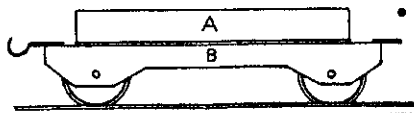


Fig. 1

You have these old train sets and have often wished that they hadn't got broken up so quickly. Well,

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here is a simple truck that can be made from scrap pieces of galvanised iron or tin, and using up your old wheels and axles. Fig. 1 gives an idea of what the truck looks like. A is the truck body and B the chassis. Figs. 2 and 3 give the

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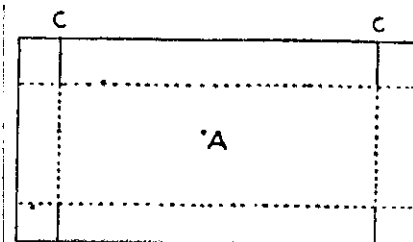


Fig. 2

shapes you cut the tin. The dotted lines show where the tin is bent to form sides and ends, etc. At C in both diagrams, small cuts are

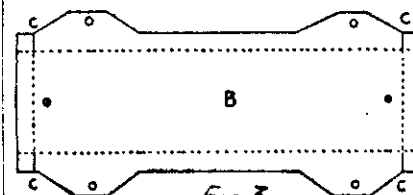


Fig. 3

made in the tin to help in forming sides and ends. The truck body A is fastened to the chassis B with small nuts and bolts.

A Square Game

Here is a puzzle game which is very simple to play, but lots of fun. Get a piece of cardboard about the size of a postcard and cut it into 15 squares. Write a number on each square, starting from 1 to 15. When you have done that arrange the small squares in any order, so that they form one big square, but leave out one small square from the bottom left-hand corner.

The play is to slide the numbered squares from one square to another until they are arranged in proper sequence—starting with one in the top left-hand corner and working up to 15. No square may be lifted—only by sliding into a vacant square immediately next to it. You will find that setting the last three in order is the hardest part. But it can be done.

