



Wooden toys for kids

Step-by-step guide

Building wooden toys for your little ones is made easy with our step-by-step guide – it will be just as much fun for you to build them as it will be for your kids to play with them!

ARTICLE Cameron Holm PHOTOGRAPHY Cameron Holm, Gareth Poley WOODEN TOYS PLANS Gareth Poley WOODEN TOYS BUILD Cameron Holm WOODEN TOYS DESIGNS Barry Bloomfield, Gareth Poley PAINTS for this project were kindly supplied by Resene.

Materials you will need:

- 1m of 45mm dowelling
- 100x400mm MDF or pine
- 500mm of 20mm dowelling
- 500mm of 3x2 (75x45mm)
- 200mm of 90x20mm pine board (or MDF cut down)
- 200mm of 8mm dowelling

Tools checklist:

- Drop saw or handsaw
- Tape measure
- Pencil
- Battery drill
- 3mm drill bit
- 32mm screws
- PVA glue
- Sand paper 80 grit

Let's get started...



Step 1

Measure all the pieces you will need (If you like, you can download more detailed plans on our website www.renovatemagazine.co.nz).



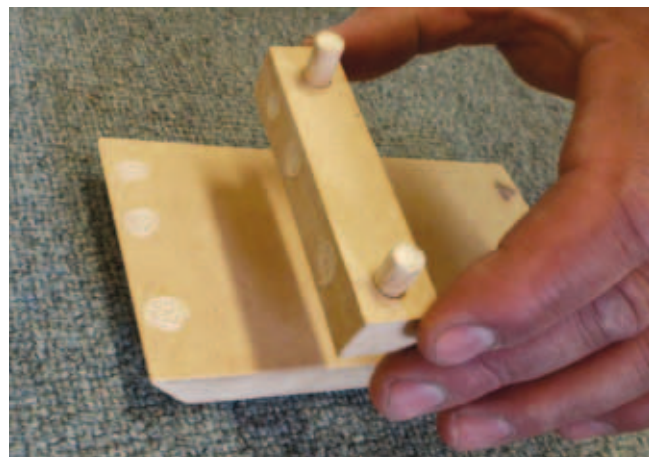
Step 2

Cut three wheels; one motor; two pieces of 20mm dowelling to 85mm in length; 75x45mm timber to 85mm in length; and two 8mm dowelling to 20mm in length.



Step 3

Cut one 90x20mm pine board to 175mm in length to be the long point with a 45-degree angle on the end.



Step 4

Glue on front and back bumpers. Drill front lights, using the same size drill bit as the width of the dowelling (8mm).



Step 5

Glue and screw wheels in; glue on front lights; glue and screw cab in; glue on sides of motor and motor.



Step 6

Sand the train thoroughly, ensuring that all edges are flat and even and prepare for painting.

Other toys you can make

Here are some ideas to help you get started. We visited colour consultant, Nikki Morris at the Resene colour store in Newmarket for some advice on our colour selection. She suggested we use the Resene KidzColour paint chart. Let us know if you've enjoyed making these toys. We'd love to see photos of them – you can post them on our Facebook page www.facebook.com/renovatemagazine. You will also find links to other schemes, articles and competitions on our page. If you have any suggestions for step-by-step or DIY projects that you would like to see in future issues of Renovate, please email stephaniem@renovatemagazine.co.nz.



Capture the moment

Gareth had his niece Brooke in mind when he personalised this camera using Resene Colour Me Pink and Resene So Cool for some bling.



Over the seas and far away

This solidly built tugboat was brought to life with Resene Seaworld, Yabbadabbadoo and Orang-atan. Wouldn't the harbour be a fun place if the tugboats were all so colourful!



Tower of Hanoi

Gareth's nephew Tyler loves a challenge and always wants to know how things work. This should give him hours of fun this summer. Decorated with Resene Funtasia for the base, Candy Floss, Hi Jinx, Sports Star and Wham for the pieces.

Tower of Hanoi Game Rules

The Tower of Hanoi is an ancient puzzle played with three stacks and any number of differently-sized disks. At the start, all the disks are in the leftmost stack, with the largest disk on the bottom and the smallest on the top. The object is to get all the disks over to the rightmost stack.

You can only move one disk per move, and you can only move the top disk on a stack. The top disk of any stack can be moved to the top disk of any other stack, with the restriction that you can't move a larger disk on top of a smaller disk – disks can only be moved to empty stacks or on top of larger disks.

Modes of Play

You can choose the number of disks you start out with before you start your game. There is actually no limit to the number of disks you can start out with and still be able to solve the puzzle. However, the number of moves required to solve the puzzle increases exponentially as the number of disks increases; therefore we have limited the demo number of disks to four, as four disks provides a nice challenge without being overly tedious to solve.