



# Box Robot

This is a great way to make use of old cardboard boxes. So gather them all together - big and small - and design a robot.



## Equipment

1. One large cardboard box.
2. Two shoe boxes with lids.
3. Two tubes from the centre of some kitchen rolls.
4. A plastic ice cream carton with lid.
5. A large piece of coloured card.
6. Some aluminium foil.
7. Some silver paint and a paintbrush. Acrylic paint (or emulsion) is quite suitable.
8. Various decorations, for example bottle caps, dried pasta shapes and ribbons or threads.
9. Scissors and some paper glue (such as Copydex).

## Safety Stuff

Check with an adult before you begin, as you might need their help at some stage. Working with items such as scissors can be dangerous, so be very careful when you use them and make sure that you never leave them open or lying around where smaller children can reach them.

Before starting any of these projects, cover the work surface you're going to use with some newspaper or an old cloth and make sure that you're wearing an apron or some old clothes. Gather together all the items you'll need before you begin. A lot of what you need can probably be found simply by looking around the house, but remember to check with an adult before you take anything! And don't forget to tidy up afterwards!

## Steps

### Step One

Start by covering the large cardboard box with aluminium foil. Alternatively you could paint the box using grey or silver-coloured paint.

Then mark out a large triangle on the sheet of coloured card. Mark it so that it will fit on the front of the large cardboard box. Cut the triangle out.



## Step Two

Tape the lids onto the two shoe boxes and then cover them both with aluminium foil.

Glue them onto the bottom of the large cardboard box to form legs.

Now cover the two kitchen roll tubes with aluminium foil. Stick them onto the sides of the large box as arms.

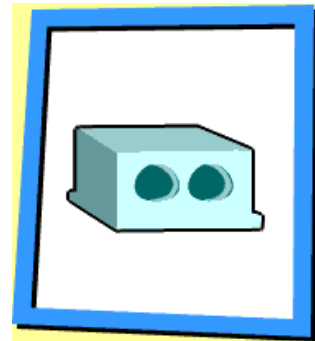


## Step Three

Ask an adult to help you cut two eye holes in the bottom of the ice cream carton.

Now cover the ice cream carton and its lid with aluminium foil. Cover these two items separately, so that you'll still be able to remove the lid from the box when the robot is finished.

Carefully push the foil through the two eye holes so you can see them again. You may want to ask an adult to help you do this with a pair of scissors, so that you don't rip too much of the foil.



## Step Four

Put the lid back onto the ice cream carton and stick it onto the top of the large cardboard box. This will form the head of your robot.

It's now time to decorate your robot.

Paint the bottle caps, ribbons and pasta shapes with silver paint and stick them onto the front of the robot. You can add some onto the cardboard triangle, for example, and also as an extra trim around the arms and legs.

## Step Five

Cut out a mouth shape from what's left of the piece of card, and stick this onto the face.

Now you've made a complete box robot.

