



Make your own Christmas presents for friends and family

Christmas baubles



Stay safe

Whether you are a scientist researching a new medicine or an engineer solving climate change, safety always comes first. An adult must always be around and supervising when doing this activity. You are responsible for:

- ensuring that any equipment used for this activity is in good working condition
- behaving sensibly and following any safety instructions so as not to hurt or injure yourself or others

Please note that in the absence of any negligence or other breach of duty by us, this activity is carried out at your own risk. It is important to take extra care at the stages marked with this symbol: ⚠

Equipment ⚠

- > Recycled Christmas baubles and/or cardboard baubles. Buy them here: [Craft Baubles - Baker Ross](#) or at any craft shop
- > Marbling paint
- > Water
- > Small bucket / bowl to put water in
- > A stick or wooden skewer
- > Pieces of card to remove paint from the top of the water.





Equipment ⚠

Step 1

Fill the bucket with water.

Step 2

Carefully add a few drops of marbling paint, (3 different colours works well) into the water and gently swirl them around until you get a marble effect on the top of the water.

Step 3

Slowly push a Christmas bauble down into the water, then quickly pull the bauble out of the water - you should now have a good marbling effect all over the bauble. Put to one side to dry.

Once these are dry, they are ready to hang on the tree.

You can create a collection of these to give to someone as a Christmas decoration for their home.

Science

Now it's time to use your science skills.

You may have learnt about properties and changes of materials already in your science lessons.

- As you are making these, think about why the marble paint and water aren't mixing. What is the paint made of?
- Why does it float on top of the water? Have you noticed any other liquids that don't mix? Try our 'homemade lava lamp' activity to find out more!
- Can you use this knowledge to understand why the paint sits on top of the water?

