

Disclaimer

We hope the information on our website and resources is useful. It is your responsibility to note that some ingredients and/or materials used might cause allergic reactions or health problems and to ensure that you are fully aware of the allergies and health conditions of those taking part. If you have any concerns about your own or somebody else's health or wellbeing, always speak to a qualified health professional. Remember, activities listed within the resource should always be supervised by an appropriate adult.

How to Make a Solar System “Snow” Globe with Polymer Clay

You will need:

- a large, clean glass jar with a strong lid
- cold water
- glitter or star-shaped sequins
- polymer or hardening modelling clay
- a short length of soft wire
- strong glue (or hot glue)
- fishing wire (optional)



1. Using hardenable modelling clay, make small models of each of the planets. Make them small enough that they will all fit into your jar with extra room to move.

Mercury

Add small pieces of blue and yellow to a dark grey ball, rolling to make a marbled effect.

Venus

Use a yellow ball and mix some red and orange pieces, rolling to make a marbled effect.

Earth

Add pieces of green to a blue ball, rolling gently to stick them together. Add a little white to the top and bottom of the ball.

Mars

Create a reddish brown ball, rolling to make a marbled effect.

Jupiter

Use a ball of light grey and add brownish yellow stripes. This planet should be bigger than all the others.

Saturn

Create a pale yellow ball with light brown stripes. Why not stick a piece of soft wire into Saturn and bend around to make a ring? Saturn should be slightly smaller than Jupiter.

Uranus

Create a clean, pale blue ball. Uranus should be smaller than Saturn.

Neptune

Use a bright blue ball of clay and make darker blue patches, rolling to make a marbled effect. Add tiny white clouds. Neptune should be similar in size to Uranus.

2. Follow the modelling clay instructions to harden. If this involves using an oven, ask an adult to help you.
3. Once completely hard and cool, place the models gently in the jar. If there is not much space for them to move around, try to add them in the correct planetary order.
4. Add as much glitter and stars as you like!
5. Fill the jar with cold water and close the lid, securing tightly. Ask an adult to use strong glue or hot glue to secure the lid onto the jar.
6. Turn your snow globe upside down and watch the stars and planets moving!

Tip: to keep your planets suspended in the water, glue lengths of fishing wire to the planets and attach them to the inside of the jar lid. Vary the lengths of fishing wire so that the planets don't crash into one another.