

Create a model: How rivers are formed

You will need:

- Shoe box
- Glue / sticky tape
- Scissors
- Poster paint
- Craft papers / scrap papers
- Plastic e.g. cling films, bubble wrap (for water)
- Any extra crafty decorations e.g. cotton wool for clouds

Create your own example of how rivers form, from the mountain top to the ocean! The examples below might inspire you and you could even take it further, to turn your model into South America's great Andes mountains and Amazon river! Might I spot a mountain lion or sleepy sloth in your model?



Water Cycle Experiment

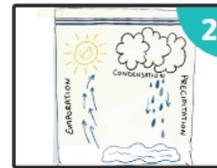


You will need:

- plastic sandwich bag (sealable)
- water
- sticky tape
- permanent marker
- blue food colouring
- window (with direct sunlight)



1 Draw the sun, clouds and water accumulation of the water cycle onto the plastic sandwich bag with a permanent marker.



2 On the plastic bag, draw the arrows and water drops of the water cycle. Clearly label onto the bag:

- evaporation
- condensation
- precipitation
- accumulation



3 Carefully fill the sandwich bag with water until it is approximately $\frac{1}{4}$ full. Drop two drops of blue food colouring into the water. Seal the bag.



4 Stick the water cycle bag to the window in direct sunlight. The window needs to have direct sunlight for the experiment to work. Leave for around an hour.



5 Observe the effects of the water cycle. Can you identify the different stages of the water cycle?