

# Science



## You will need:

- Sticks
- Leaves
- A small toy
- Materials for a cover e.g. card, foil, cling film etc
- Water
- Container or spray for the water

# Science

- Collect a range of materials that can be used as a shelter cover e.g. foil, card etc.
- Collect sticks and leaves
- Make a small den for your toy
- Put one of the materials over the den. Pour or spray water over the cover
- Does the material protect the toy? Is the material waterproof?
- Repeat with other materials

# Science

**WHAT DO YOU NOTICE?**

**Things to talk about ...**

Which materials are best at keeping the toy dry? Why do you think this is? Which materials let the water through? Do they let the water through straight away or after a bit of time? Which materials soak up the water?

# The science behind

Water cannot pass through waterproof materials. Foil and plastic are waterproof which is why they are so useful for wrapping food, and why we make raincoats from plastic materials. Some materials might absorb water and so might not let it through straight away, e.g. thick cotton, but after some time, the water will drip through.

