



STAY CONNECTED.
STAY CURIOUS.

Raincoats and Sponges

Water is attracted to other water and that is called **cohesion**. But water is also attracted to other materials and this is called **adhesion**. Some materials soak up water (like a sponge) and some materials push away water (like a raincoat). In this experiment, see which materials are like a raincoat and which are like a sponge.



You'll need:

- Pipette
- Water
- Wax paper
- Paper towel
- Plate or tray
- Other materials to test

What to do:

1. Place a piece of wax paper and a paper towel on a plate or tray. Feel the difference between the two materials.
2. Place a few drops of water on each material. What happens?
 - Is the paper towel like a sponge or a raincoat?
 - How about the wax paper?
3. Try this on other objects and surfaces inside or outside. Start with a sponge and a raincoat if you have them.
4. What do all raincoat items have in common? How about the sponge-like items? Did you find anything that was a little bit of sponge and a little bit of raincoat?

