



Science

LO: to use observations to suggest answers to questions.

Must: make simple observations of the weather.

Should: to use simple scientific equipment.

Could: to explain why rain occurs.

What do you
know about
the weather?

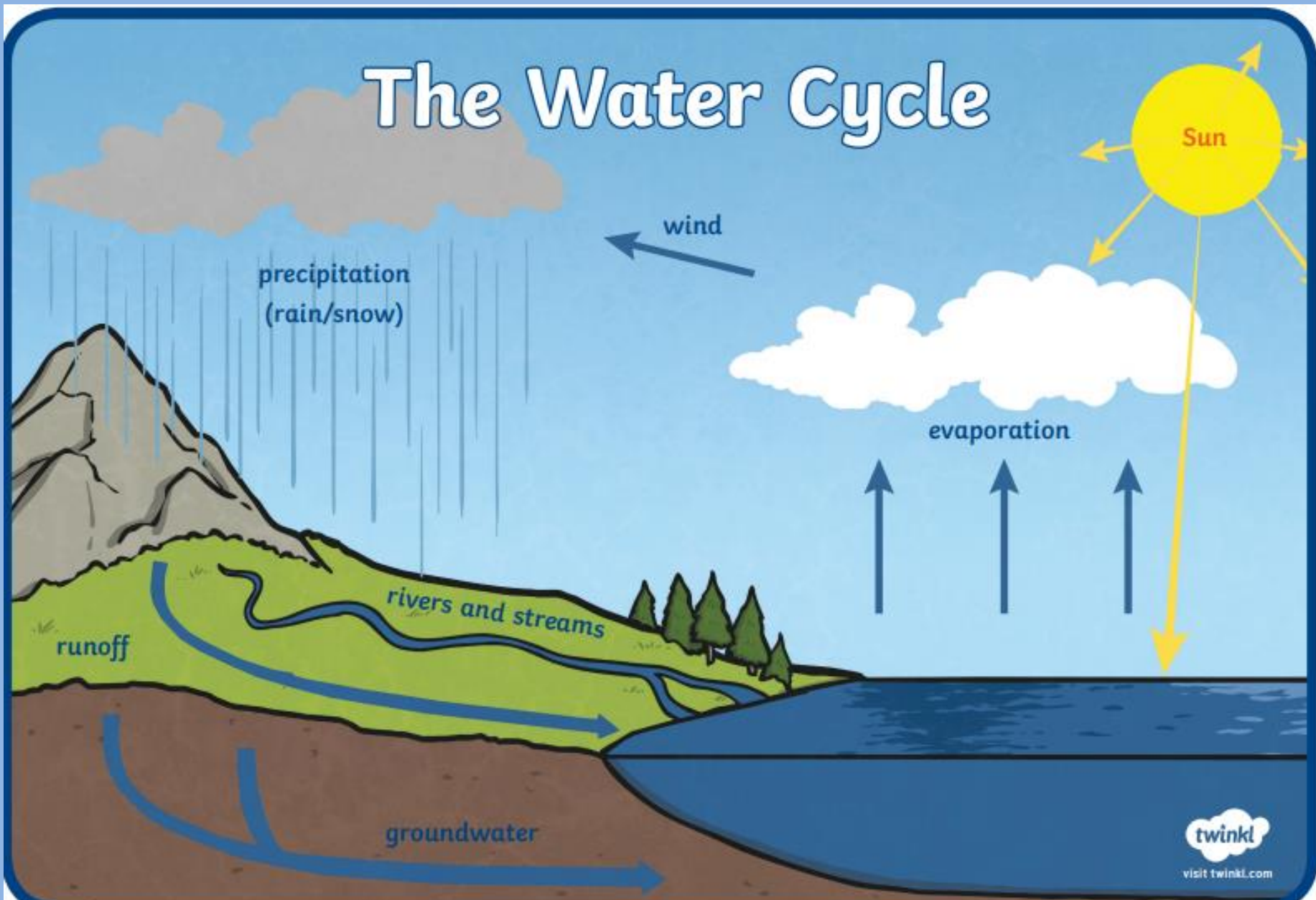
What types of
weather do
you know?

What is the
weather like
at the
moment?

Watch the video to find out more
about rain.



The Water Cycle



Shaving Foam Rain Clouds

Science Experiment



Method

1. Fill the small bowls with water, then add a different food colouring to each. The more food colouring you add, the darker the colour will be.
2. Fill your large glass or vase up to about $\frac{2}{3}$ full.
3. Squirt a generous amount of shaving foam on top of the water to create a 'cloud'.
4. Drop small amounts of coloured water onto the 'cloud' using the pipette or syringe.

You will need:

Clear glass or vase with a wide brim

Food colouring

Shaving foam

Small bowls

Water

Reflection

- What happens when you add the coloured water to the 'cloud'? What happens when the 'cloud' becomes full?
- How does our experiment represent a rain cloud?

