



Arts | Science - VCSSU046 | VCAVAE017 | VCAVAE021

Gain an understanding of the water cycle in this interactive session which includes a story, song and activity.

Resources

- *The Story of a Raindrop* book
- [The Water Cycle Song](https://youtu.be/KM-59ljA4Bs) - youtu.be/KM-59ljA4Bs
- Water cycle plate resources - cotton balls, plates, textas, blue cellophane, labels, split pin, water drop, arrow, labels
- Water cycle in a bag activity

Key words

Evaporation - the sun heats up water in rivers, lakes or the ocean. When the water is heated it turns into vapour or steam.

Condensation - as water vapour rises into the air, it cools down until the cloud becomes heavy with condensation turning it a dark colour.

Precipitation - another word for rain, hail, sleet or snow.

Outline (60 minutes)

1. Introduction (10 minutes)

- Ask the students why do we need water?
- Ask where does water come from? Where do we find water?

2. Read the book - *The Story of a Raindrop* (10 minutes)

- Review the main parts of the water cycle - evaporation, condensation, precipitation.

3. Play the video song - *The Water Cycle* (10 minutes)

- Play the video song once.
- Then show the children some dance moves and play it again encouraging them to dance.

4. Create a water cycle plate (30 minutes)

- Add clouds (cotton balls), water (draw or cellophane), draw trees and sun.
Add labels. Attach split pin and arrow.

Extension activity - Water cycle in a bag

Create a water cycle in a bag for the children to look at over a few days to see how it works.

Equipment

- Zip lock sandwich bags
- Water
- Blue food dye (optional)
- Labels for bag - worksheet
- Sticky tape, scissors, pencils or textas

Instructions

1. Colour and cut out the worksheet labels.
2. Sticky tape the labels in the correct positions on the zip lock bag.
3. Carefully fill the bag with a cup of water and add a drop of blue food dye.
4. Zip the bag securely closed and place in a warm spot like a window sill.
5. Observe - depending on the temperature it shouldn't take long to be able to see water droplets begin to form.

