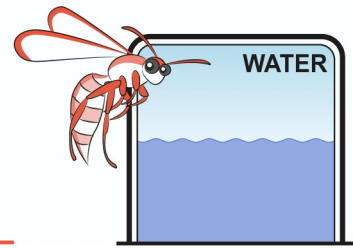


Rain - Student Activity



In the shower, when steam from hot water cools it becomes liquid water and runs down the tiles and glass. We call this *CONDENSATION*

When clouds cool it rains. We call this *PRECIPITATION*

You will be using hot water. How does the sensible Science student behave when using hot water?

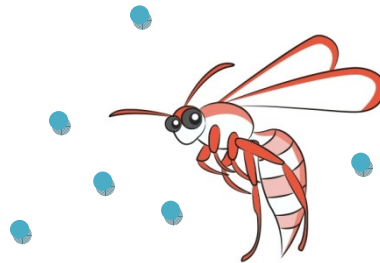
What would you do if another student burned their hand with hot water?

Making rain

Materials required per student or group:

- A large beaker (about 500mL or more)
- Plastic food wrap or a large watch glass
- Hot water
- Two ice cubes

1. Carefully place hot water in the beaker
2. Stretch the plastic wrap over the beaker of hot water to form a seal
3. Place two ice cubes onto the centre of the wrap
4. Write what happens below

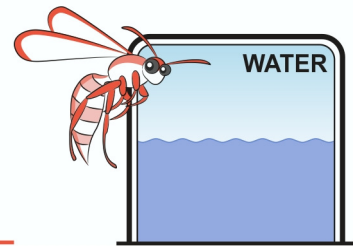


Explain why this happened _____

We have been looking at the water cycle in nature.

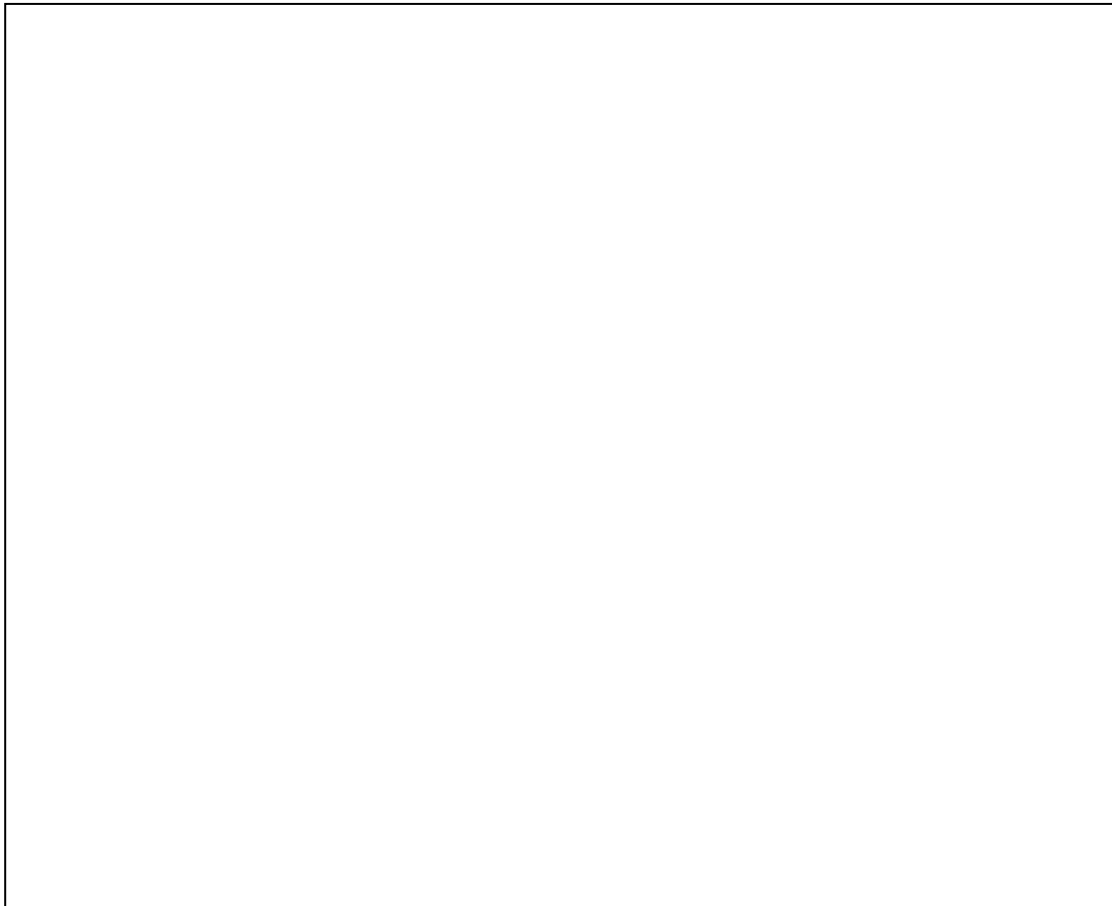
What has this experiment to do with the water cycle? (Nature doesn't have beakers or kitchen wrap).

Rain - Student Activity



In the box below draw and label the equipment you used. Place these words in the correct place on the diagram **Evaporation, Condensation, Precipitation**.

Hint Use pencil and a ruler. A large drawing is often neater than a small one.



In the water cycle what could the liquid be? _____

In the water cycle where would the heat to evaporate the water come from?

In the water cycle what do the ice cubes represent? _____

Extra for experts Why do my glasses steam over when I open the oven to pull out a pizza?