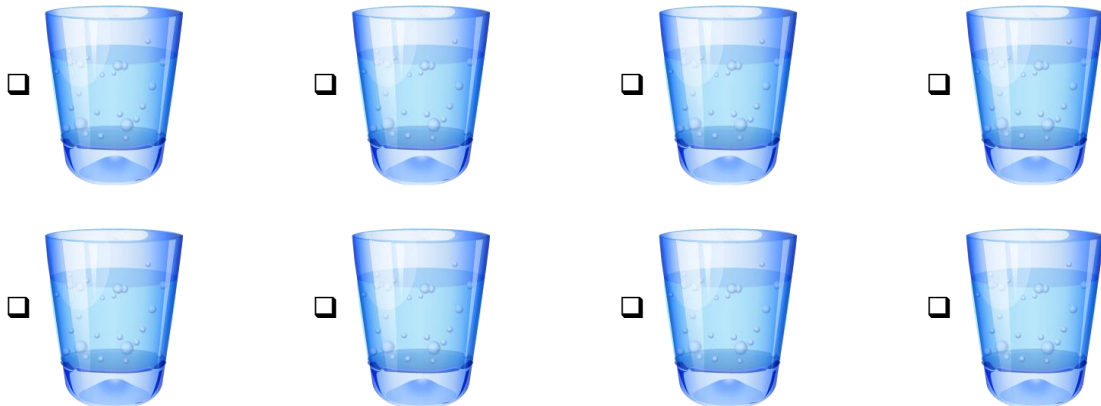

WATER, WATER EVERYWHERE

Key to the Living World Interest Badge



Track how much water you drink in one day. For every glass of water you drink, check off one of the glasses below.



Track how much water your family uses for cooking in one day. For every 250 mL cup of water used, check off one of the measuring cups below. 4 cups = 1 litre.



- ☐ Do a water experiment. Here are some ideas for you to try, or find another experiment and tell what you did.

Mix Oil and Water

What happens when you mix oil and water together?

Supplies:

- clear container with a lid (you could use a soda bottle or a glass jar)
- water
- food colouring
- oil

What to do:

1. Fill the container about half full of water. Add a couple of drops of food colouring.
2. Add oil to the container - you don't need to fill it to the top.
3. Close the container with the lid - make sure it is sealed well!
4. Shake the container as hard as you can, then set it down and take a look.

What do you see? _____

Water Displacement

What happens when you add objects to a glass of water?

Supplies:

- clear container
- water
- masking tape
- marbles or other solid objects

What to do:

1. Fill your container about halfway with water.
2. Carefully put a piece of masking tape on the container so it lines up with the top of the water. You need to be very careful and not bump the container so the water doesn't move.
3. Slowly add about 10 marbles (or other solid objects) to your container.

What do you see? _____