Water Wise

Aim

- I can set up a test and record the results.
- I can accurately measure water and record my measurements.

Success Criteria

- I can set up a simple test.
- I can record and interpret the results.
- I can measure an amount of water in ml.
- I can record the amount of water I have measured.

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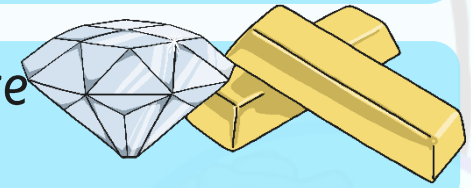
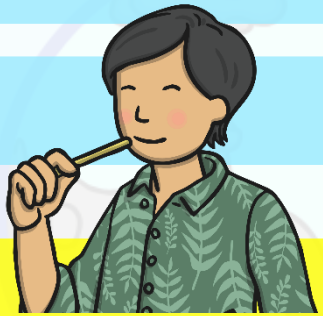
We are very, very lucky.

In our classroom today, and in all of our homes, we have one of the most precious things there is.

It's more precious than diamonds and more than gold.



We use it every day.



Can you guess what it is?

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Water Is Life

That's right, it's Water!

You might not know this, but water is the most precious thing there is.

Why do you think that water is so important?

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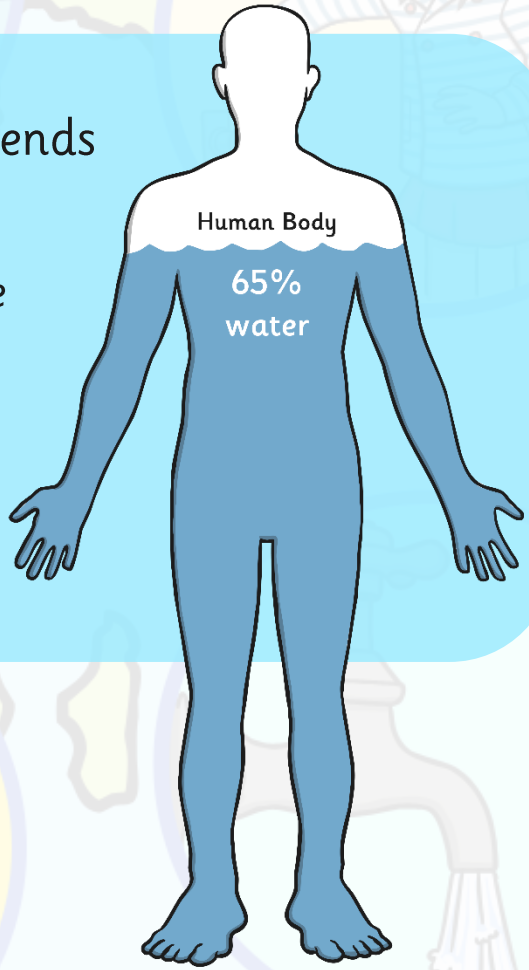
Water Is Life

Water is so precious because life on Earth depends upon it.

Our lives, the lives of every person in the world, the lives of every single plant and animal depend upon water. Not one living thing on Earth can survive without it!

In fact, water is what most of your body is made from!



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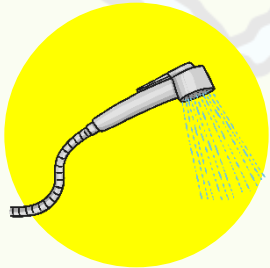
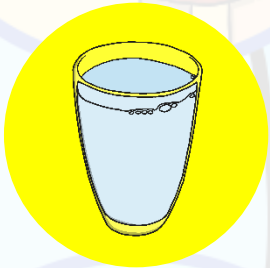
Water Is Life

Here are some of the ways that humans use water. Did you think of any others?





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Water Is Life

We are lucky to have clean, fresh, safe water always available everywhere we go.

In many countries around the world, people are not so lucky. Watch this video of thirteen-year-old, Aysha, who spends about 8 hours fetching water every day in Ethiopia, where she lives: https://www.youtube.com/watch?reload=9&v=teX2l_E40mw

What do you think it would be like if your family only had one bucket of water to use every day?

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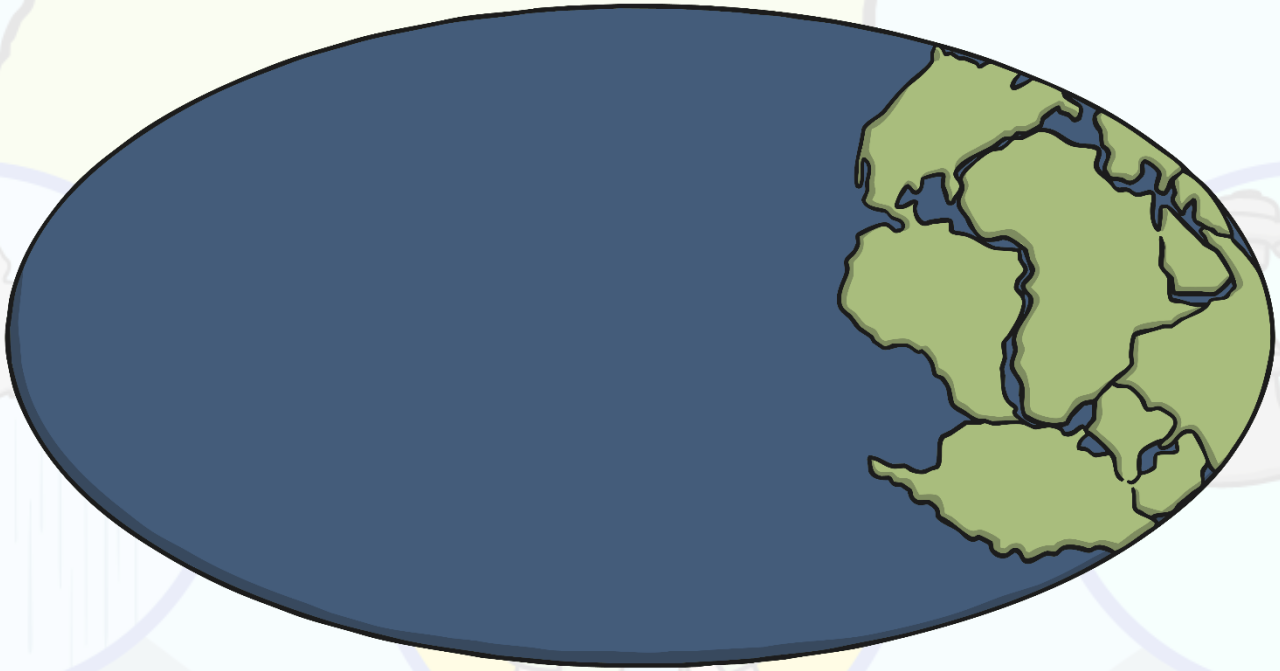
Every Drop Counts

About 70% of the surface of the Earth is covered in water.

If you could push all the land on the Earth together on one side, and all the water on the other, a map of the Earth would look like this.

What a lot of water that is!



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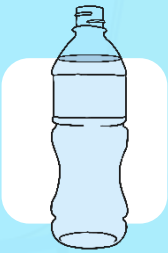
Every Drop Counts



With all that water, you would think that there would be enough to go around....

But there isn't!

Nearly all the water on the Earth is ocean water. This water is full of salt and minerals, and humans can not drink it.

Only a small amount of all the water on the Earth is fresh water...but most of this is frozen in the ice glaciers of the North and South Poles!

Of the water that isn't ocean and isn't ice, most is far away beneath the ground.

Only a very tiny part of the water on Earth is available for humans to use for all the many things that we need it for.

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Every Drop Counts

That little bit of fresh water has to go around all the humans, animals and plants on the planet…they can't live without it!

It is important to save water so that there is enough for everyone.

Also, when we use water, it must be cleaned before it is safe for us to use again. Cleaning it uses electricity. Making electricity burns fossils fuels and causes greenhouse gases.

So saving water is good for the environment too!

Saving water is also called **water conservation.**

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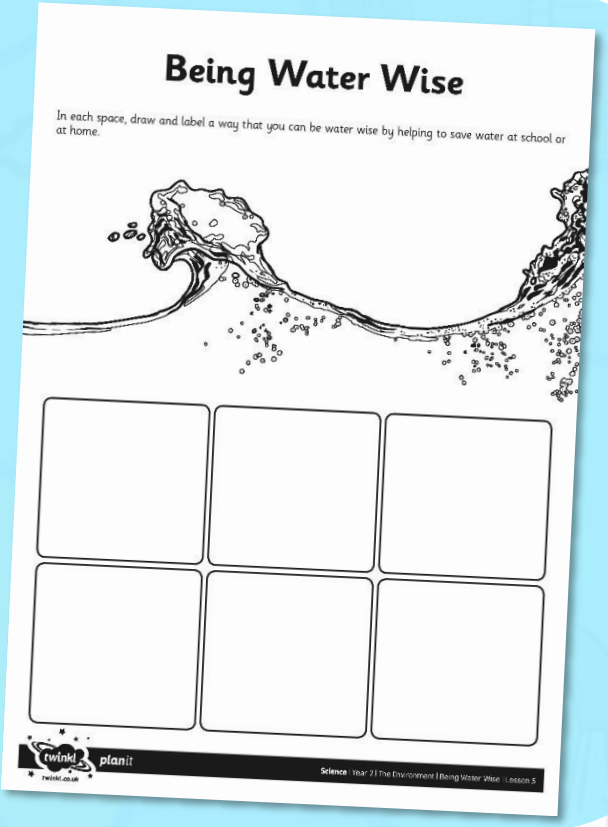
Can You Be Water Wise?

Can you think of other ways to be water wise?

How can you help by saving water at school and at home?



Being Water Wise

In each space, draw and label a way that you can be water wise by helping to save water at school or at home.

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Science | Year 2 | The Environment | Being Water Wise | Lesson 5

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