

Year 3 - 6

Water warrior



Victorian Curriculum 2.0
Year 3 - 6

Geography | Mathematics | Science | Sustainability - VC2HG4K09 | VC2HG4K03 | VC2S4U07 | VC2HG6K03 | VC2HG6K04 | VC2HG6S07 | VC2M4N03 | VC2M5N04

Learning intention:

We are learning that water is a limited natural resource and we need to use it wisely so there is enough for all living things.

- I can explain why it is important to use our water wisely.
- I can identify and share water saving actions for home and school.

Resources

- South East Water - Water for the Future [video](#)
- Water aware [activity](#)
- Water warrior [game](#)
- Additional - Water warrior chatterbox [activity](#)
- Extension - Water tournament [activity](#)
- 'All the water in the world' demonstration materials - large globe, 1L jug of water, small measuring or medicine cup (up to 30ml), blue food colouring and two small glass beakers or plastic cups

Outline (60 minutes)

1. Introduction - Pose and discuss the following questions (10 minutes)

- Discuss as a class - "Who has used water today?", "How do you use water?", "Why is water important?"

Alternative - display the questions on the board and provide each student with two post-it notes to record their ideas/answers and place them under the questions.

2. Demonstration - 'All the water in the world' (10 minutes)

- Discuss - water is a precious natural resource that we all need to take care of and use wisely. Even though it looks like the earth is covered in a huge amount of water, most of this water is unable to be used by humans, plants and animals, because it is salt water.
- Using a large globe, look at and compare the amount of water verses land.

If you do not have a globe available, utilise an online [3D globe simulation](#).

- As a class, complete the 'All the water in the world' demonstration, representing how much of the world's water is available for us to use - (teacher note: **97%** salt water, **2%** glaciers, icecaps, underground, **1%** freshwater that we can use).
- Fill the 1L jug with water, and add a few drops of blue food colouring. Explain that this represents ALL the water in the world.
- Explain - 'This water can be found in oceans, lakes, rivers, ice caps, snow and underground'.
- Measure out **30ml** of water from the jug and pour it into one of the cups. This **30ml** of water represents ALL the **fresh** water in the world.
- The water left in the jug represents how much of the water on earth is **salt water**. Set the jug aside. Humans cannot use this water.

- From the **30ml** of water in the first cup, measure out **10ml** of water and pour it into the second cup. This **10ml** of water represents the amount of fresh water in the world that humans can use. The leftover **20ml** represents fresh water that is frozen in ice caps, or is too far underground for humans to use.

Discuss - what surprised you about today's demonstration? Why is it important to take care of our water? Water is a limited resource. All living things need water to grow and survive! We need to take care of our water and use it wisely so that there is enough for everyone.

3. Water warrior verses Water waster game

(15 minutes)

- Print the **instructions and cards** (you could print a set per small group, or play as a class).
- Play Water warrior verses Water waster **game**.
- When students finish the game, ask each group questions about why they've decided various actions are "water warrior" behaviours or a "water waster" behaviours.

Optional - sort the images as a class, and stick on poster/anchor chart to display under the headings Water warrior and Water waster.

4. Water for the future video (South East Water) (10 minutes)

- Watch the **video** as a class.
- Discuss - Think – Pair – Share - which water saving actions you could easily implement at home/school?
- Record examples on a class anchor chart.

5. Water aware activity

(15 minutes)

- Print one 'Water aware' **activity** sheet per student. In the water droplet, students write and/or draw some simple Water warrior actions for home/school.

Extension/Additional activities

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Students make and play with the chatterbox to reinforce water warrior actions.

Year 5 - 6: Water tournament activity

Complete this activity to stimulate further discussion and extend thinking about water use.

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Based on what they have learned, students design an eye-catching poster or digital artwork encouraging other children and adults to be water warriors at school and/or home.

Display the posters in prominent places at school, share digital artworks via the school newsletter, or even present them at a school assembly to share water warrior awareness!

Educational resources