

Waikato

ENVIROSCHOOLS



How living things use water

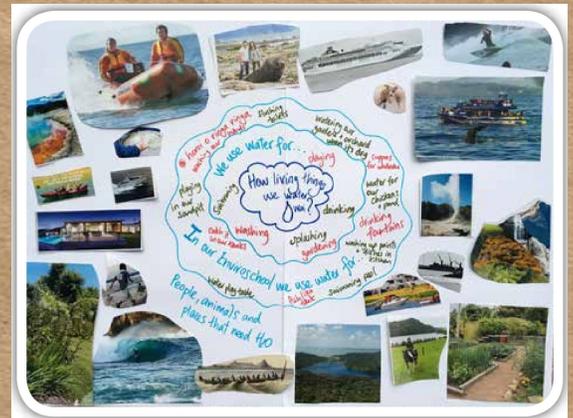
In this art activity you will be creating a large circular collage (or mind map) to show how all living things use water in different ways for their own needs. To begin, think of the needs of your family. As the glue dries, think and choose pictures to show how other people in your community and wider, other living things and places use water to meet their needs.

Instructions

You will need

- Large sheets of newsprint
- Large collection of magazines, photographs, drawings, diagrams showing people and places using water
- Scissors, glue, crayons or felts

1. In the centre of a large sheet of newsprint paper, list as many examples as possible of how you and your family use water.
2. Around the centre ring of ideas, create a second layer of all the ways water is used within your community.
3. Around this, create a collage of pictures as a third layer, showing how people and places in the wider environment might need water. For example, farmers, factories, ports, surfers, orchards, power stations, rafting companies, fishers.
4. The fourth and last layer of your collage will need to show how other living things use water. For example, "Animals in the sea", "Animals on the land" and "Plants".
5. Discuss which things you consider are particularly important uses (based on needs rather than wants).



Reflection questions

- Does anyone in your family have different ideas about what was important?
- What happens when lots of people want to use the same water for different things?
- How are other living things affected?
- What are the ways that you or I affect the quantity or quality of water available?
- Are there any issues about wai that affect your community or wider environment?
- Who else in your community plays a role in improving the quality of water?



Additional Resources

- Smartwater : [SmartWater - Water is life, Water is a precious Taonga, Our life with water](#)
 - Science Learning Hub: [Humans and the water cycle](#), [Water](#), [Land use – impacts on waterways](#), [Human impact on rivers](#)
- Adapted from ES 'Water of Life' theme area booklet, pg 38

