

Recycled Water

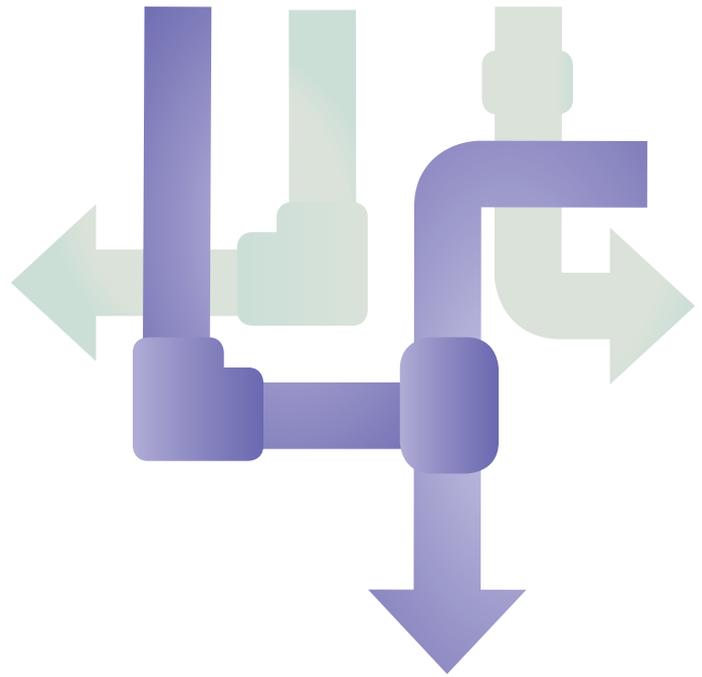
Recycling is a concept most of us are aware of. It means processing used products into something new. Many Australians already recycle paper and plastic, but did you know you can recycle water too?

In Melbourne, recycled water is used for many purposes like watering parks and gardens, irrigation for farms, industrial purposes and for flushing toilets or watering gardens at home.

Main Activity

In Australia, we use our recycled water for a variety of purposes. Using your internet search engine, research the different types of recycled water, often called 'classes'. List the class (A, B, C or D), its level of treatment and what it can be used for.

FACT: In Singapore, clean, recycled water is piped back into reservoirs for the local drinking water supply.



► Engage

Complete the **Engage - Recycled Water worksheet** by cutting and pasting the images into the correct columns, either drinking water or recycled water.

► Connect

Complete the **Connect - Recycled Water worksheet** by filling in the type of water that is appropriate for each activity.

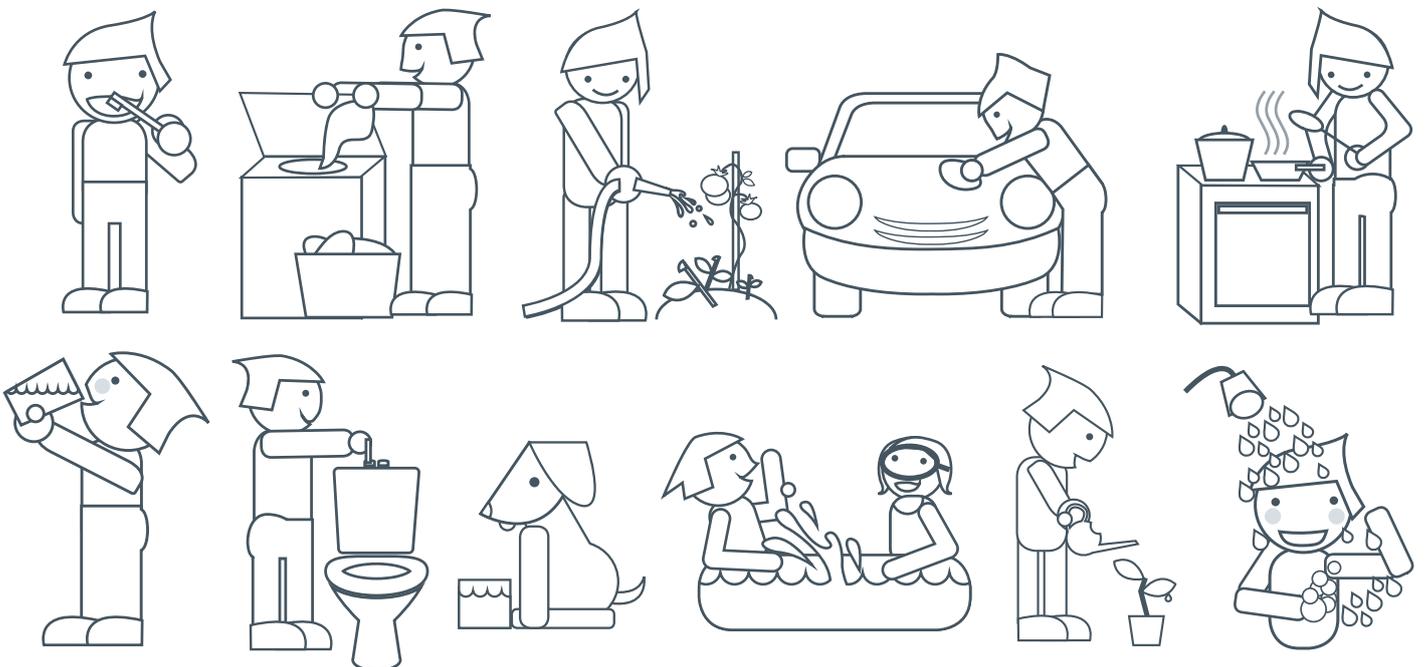
► Explore

Research recycled water, then complete the provided **PMI template** outlining the features and uses. Continue your investigation by finding an interesting example of recycled water and how it is being used in a real life community. You may find something locally or search for some examples overseas.

Engage - Recycled Water

Which type of water is best used for each of these activities? Colour, cut and paste the pictures into the correct column. You may like to enlarge this sheet to A3 to make cutting and colouring in easier.

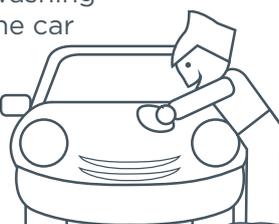
Drinking Water from Reservoirs	Recycled Water



Connect - Recycled Water

Which type of water is best used for each of these activities? (In the water industry this is sometimes called 'fit for purpose'.) Water uses include: drinking water (from the tap), seawater, tank water or recycled water). Colour in the pictures, then write your answer in the columns below.

Hint: there might be more than one for each!

Action	The type of water you should use	Action	The type of water you should use
Brushing your teeth 		Watering the vegie patch 	
Washing clothes 		Drinking 	
Watering the garden 		Flushing the toilet 	
Washing the car 		Feeding your pets 	
Cooking dinner 		Filling up your paddle pool 	
Washing yourself 			

Plus Minus Interesting (PMI)



Think about the different parts of your problem or issue and write them down in the Plus, Minus or Interesting columns. Once you have completed the table, summarise your findings with a conclusion.

Plus Write down the positive results of taking a particular action	Minus Write down the negative results of taking a particular action	Interesting Write down the implications and possible outcomes of taking a positive, negative or indecisive action
Conclusion:		