

Desalination

- There is much more salt water than fresh water on Earth but we can turn salt water into fresh water using a process called desalination. Follow the steps below to create your own mini salination plant.

THINGS YOU WILL NEED

Salt water
A large bowl
A cup
Plastic wrap
A small weight, like a rock

PROCESS:

- 1 Put the salt water into the large glass bowl.
- 2 Place the clean cup in the centre of the bowl with the opening at the top.
- 3 Cover the bowl and cup with plastic wrap and seal the wrap to the outside of the bowl.
- 4 Place the small weight in the centre of the plastic wrap directly above the centre of the cup so it causes a slight depression in the plastic.
- 5 Place the bowl in direct sunlight and leave for 3 or 4 hours.
- 6 Drink the fresh distilled water that will have collected in the cup in the centre of the bowl.



Explore strategies to overcome water scarcity such as desalination.

