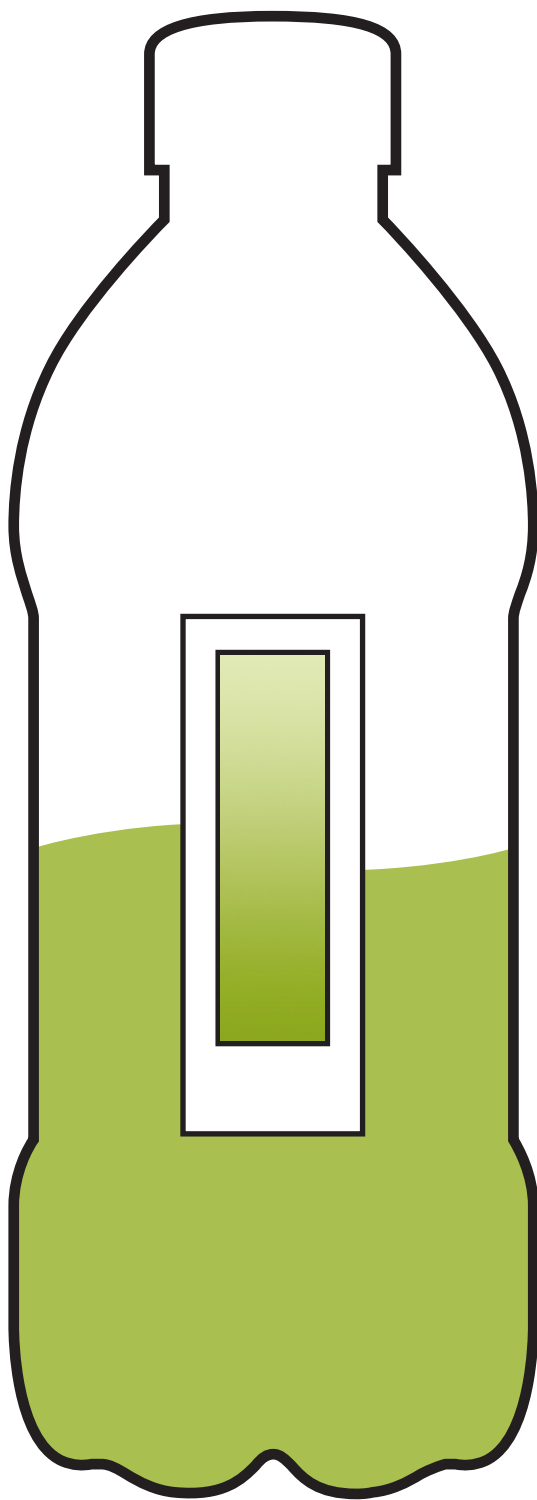
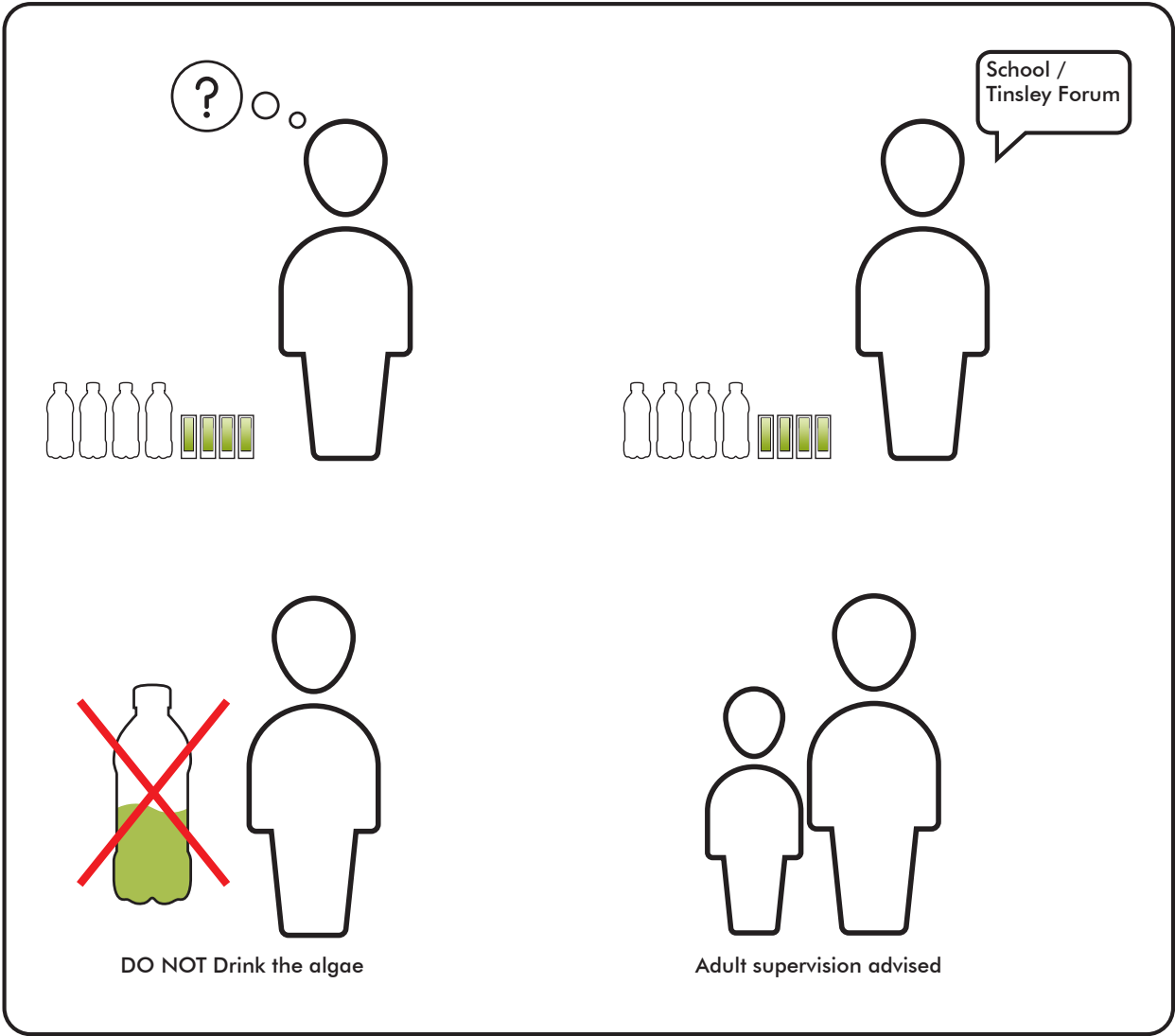





GROWTH KIT



Support / Caution

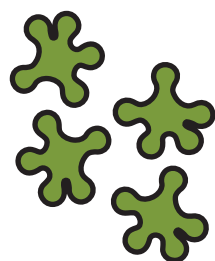


Contact us at:

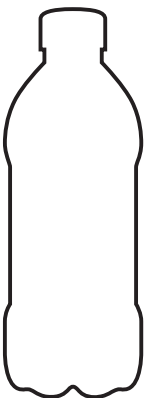
-  greeningtinsley@gmail.com
-  [@greeningtinsley](https://twitter.com/greeningtinsley)
-  [@greeningtinsley](https://www.instagram.com/greeningtinsley)



Parts



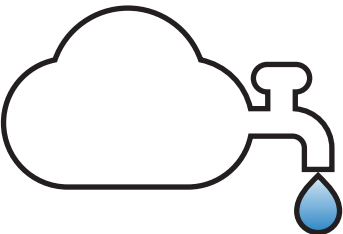
Algae starter - provided



Recycled clear plastic bottle
with cap



Colour chart
sticker - provided



Rainwater

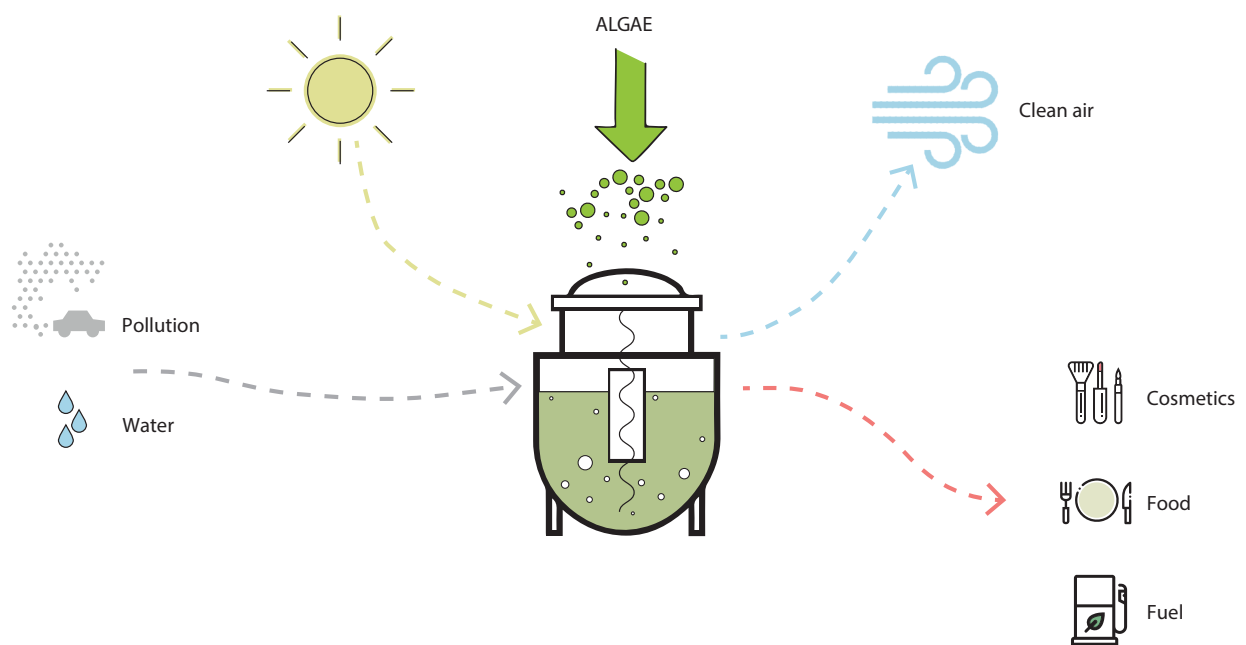
What are algae?



Algae are tiny living things that live in water, such as in rivers and in the sea. They can grow very quickly.

There are lots of different types of algae. They can be very small and you sometimes need a microscope to see them.

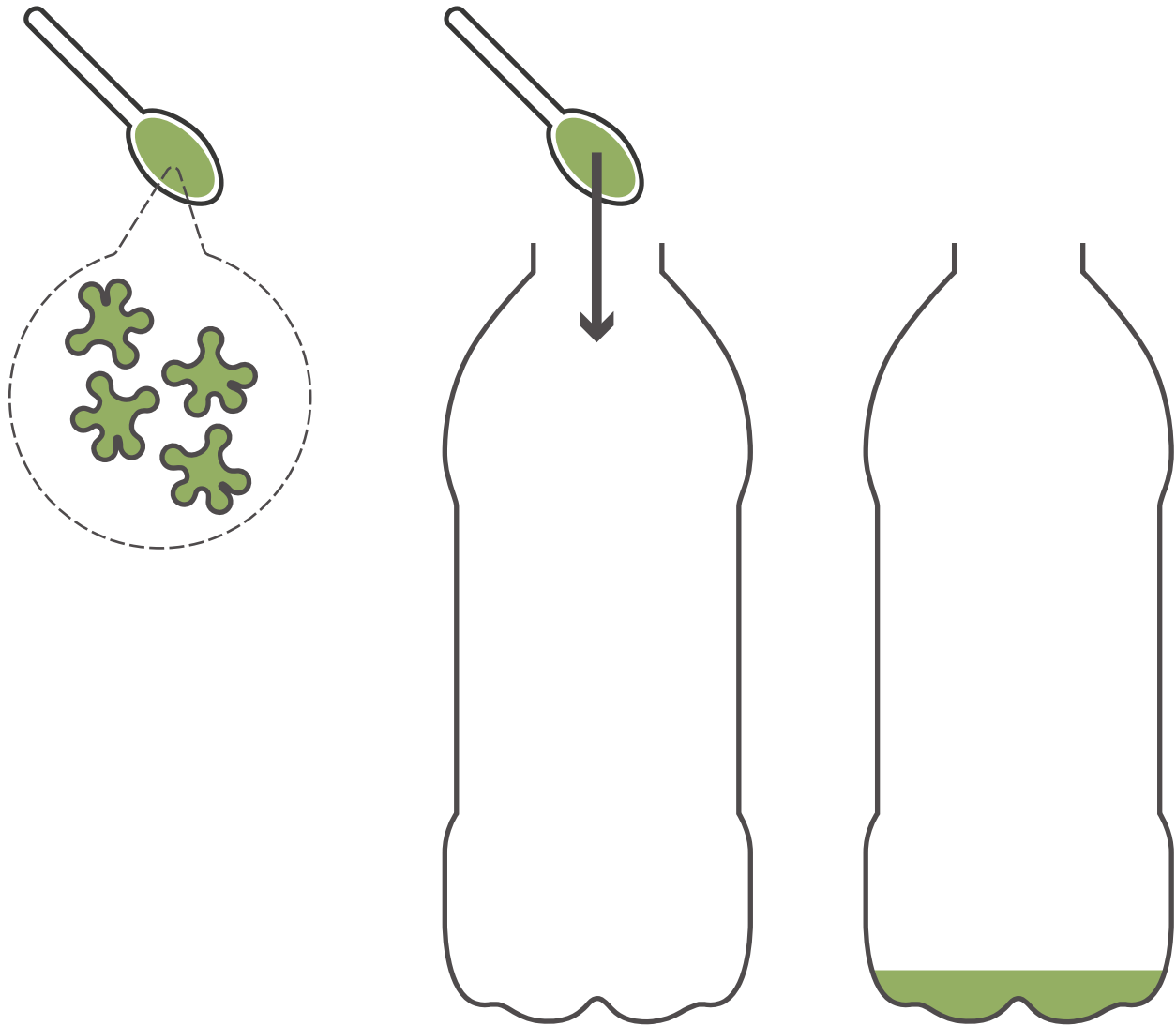
Uses of algae



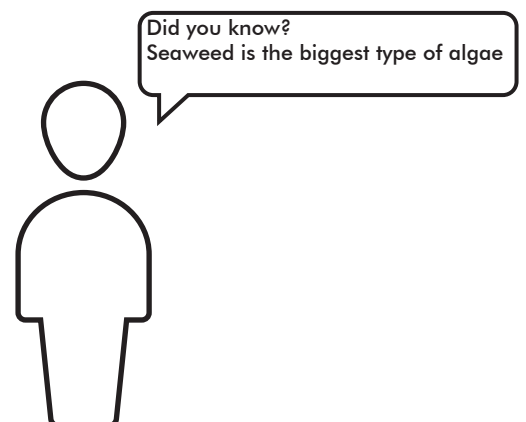
As living things, they need air and sunlight to make their food. Algae make the air cleaner because they take in pollution. You can use algae to make fertiliser*, foods, fuel and face creams.

*fertiliser is a thing that makes plants grow faster

1. Add algae

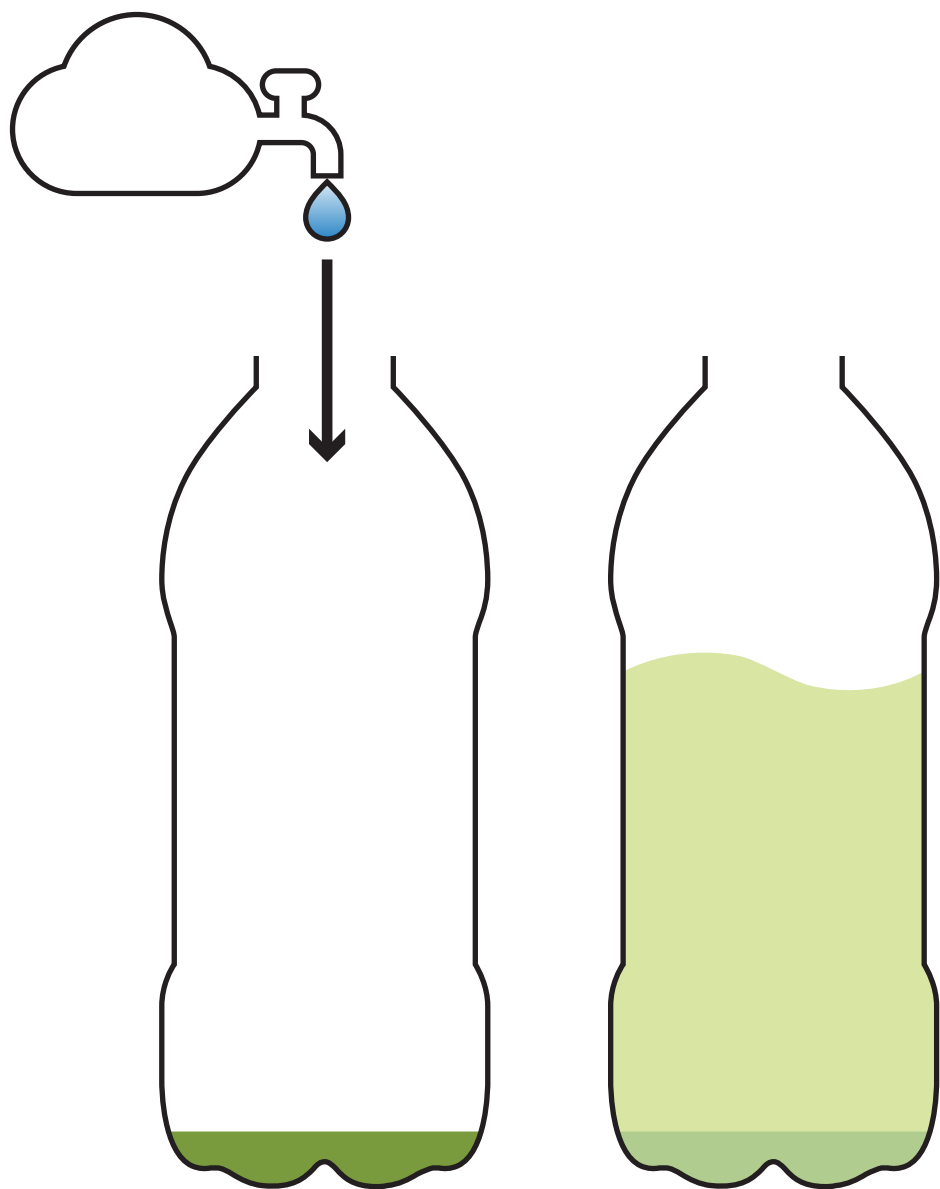


Put the starter algae into the recycled bottle. We will only need a little because the algae will grow.



Did you know?
Seaweed is the biggest type of algae

2. Add rainwater



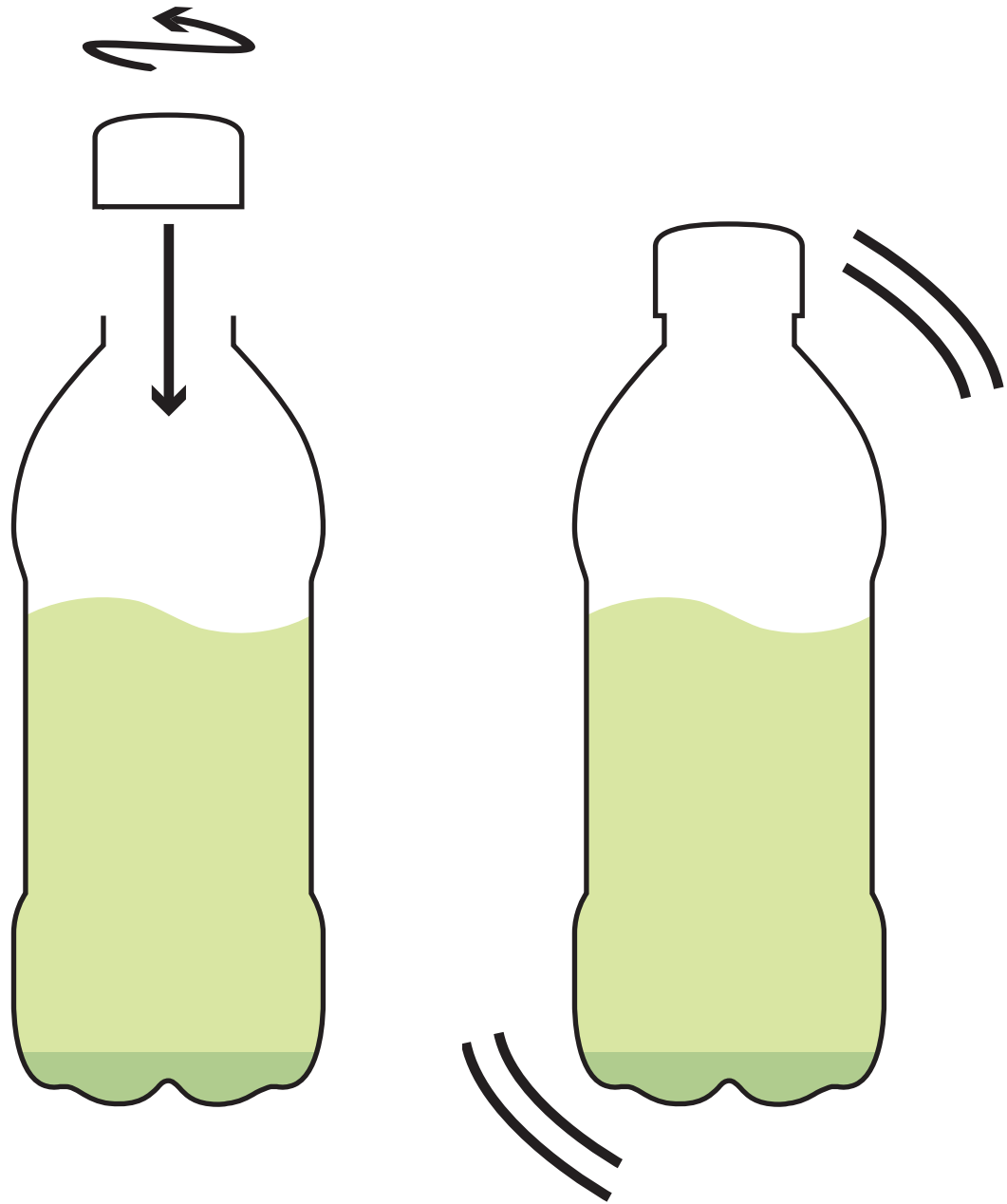
Add rainwater to the starter algae. Fill up the bottle to the line.



Did you know?
Rainwater contains food that the algae needs to grow

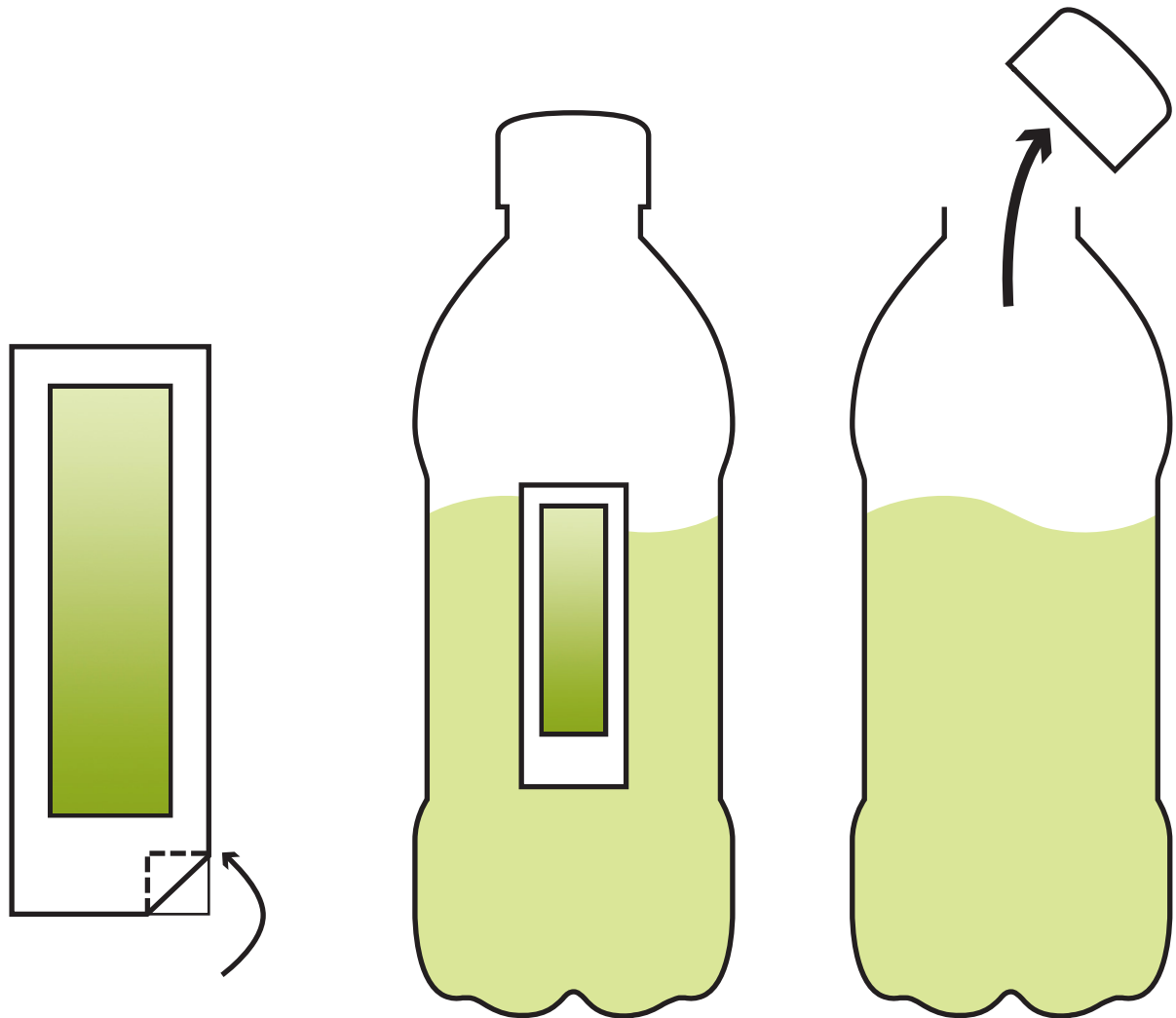


3. Shake



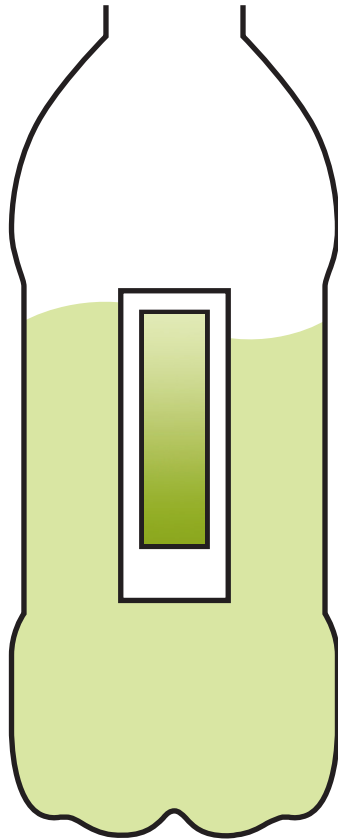
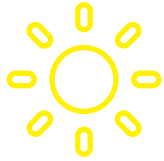
Place the cap back onto the bottle and tighten. Shake the bottle with the cap on to mix the algae starter and the rainwater.

4. Add colour chart

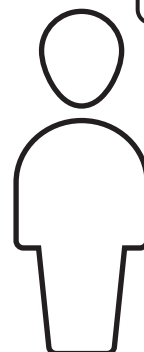


Place the colour chart sticker on the bottle.
Remove the cap from the bottle.

5. Leave in sunlight

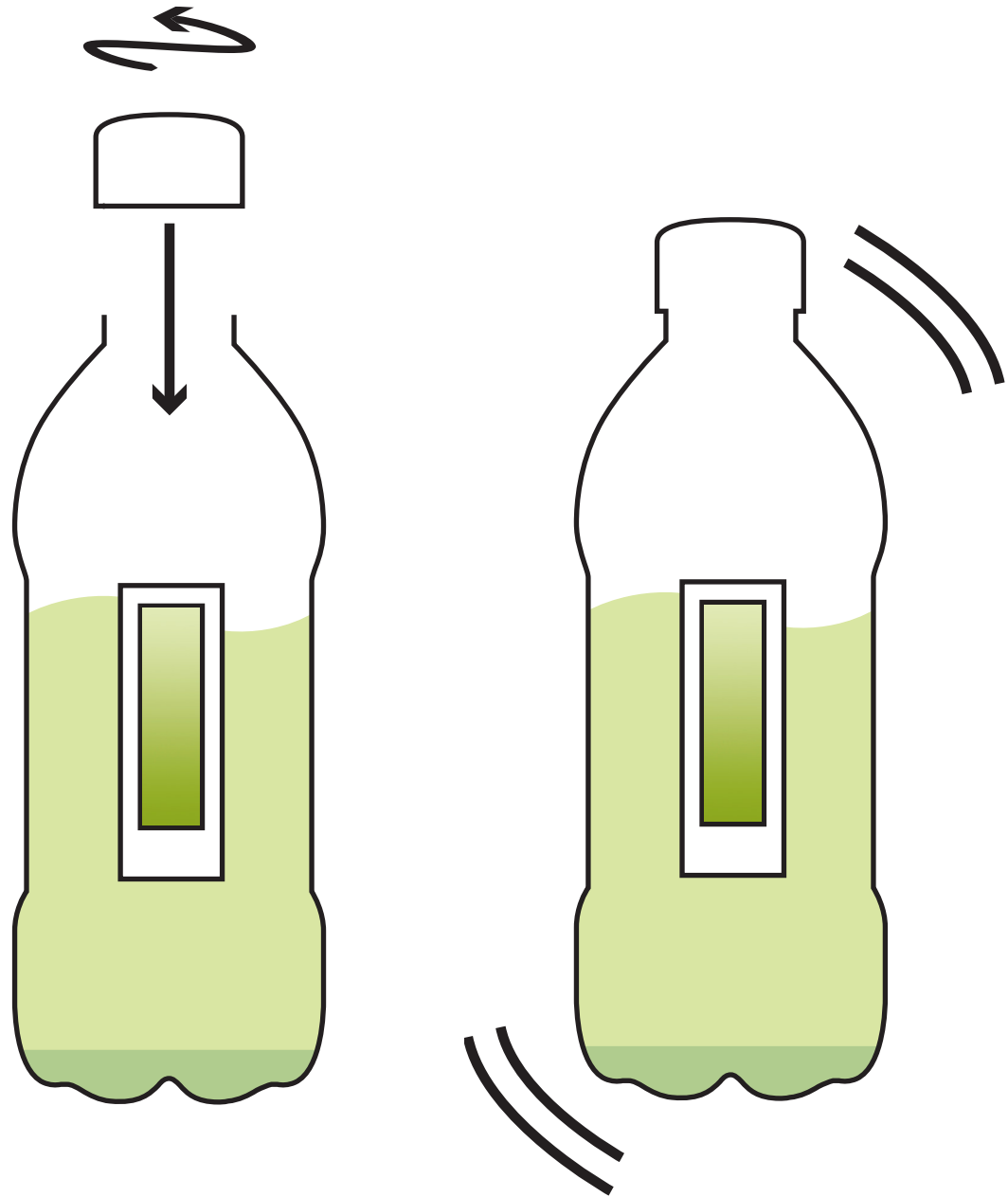


Place the bottle in an area with lots of sunlight, this is required for the algae to grow.

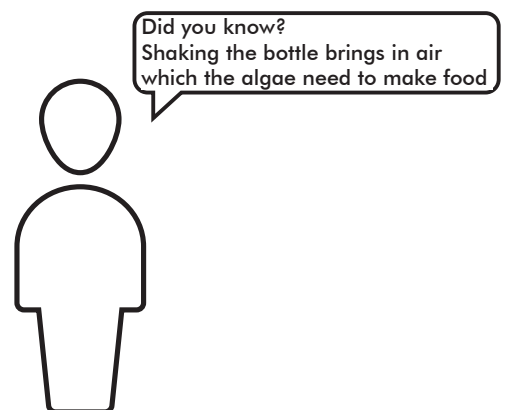


Top Tip!
Try adding a light for added growth when its dark

6. Shake every day

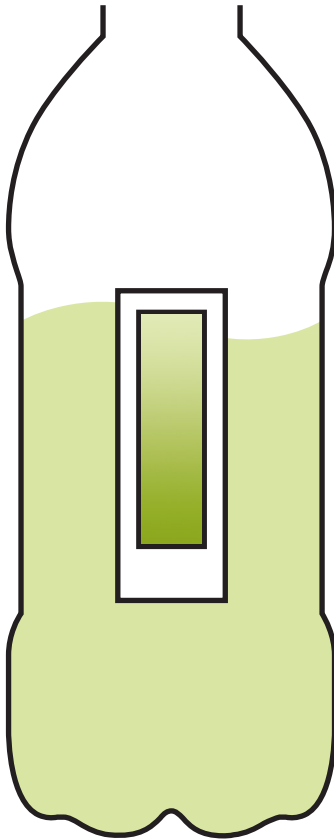
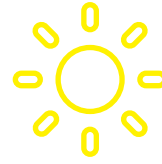
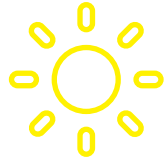
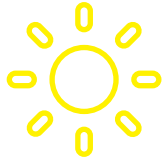


Every morning and afternoon shake the bottle with the cap on tightly to mix the algae. Remember to take the cap off afterwards.

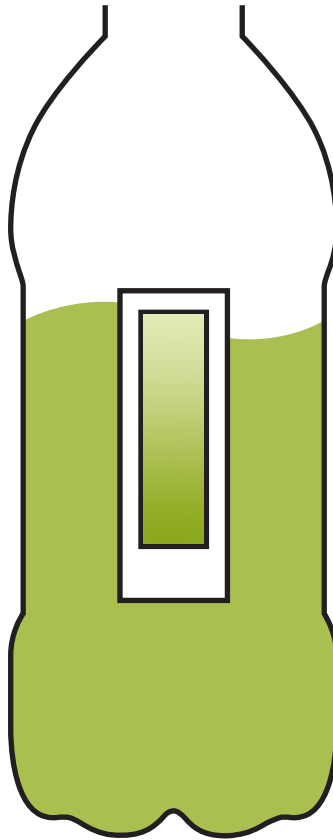


Did you know?
Shaking the bottle brings in air
which the algae need to make food

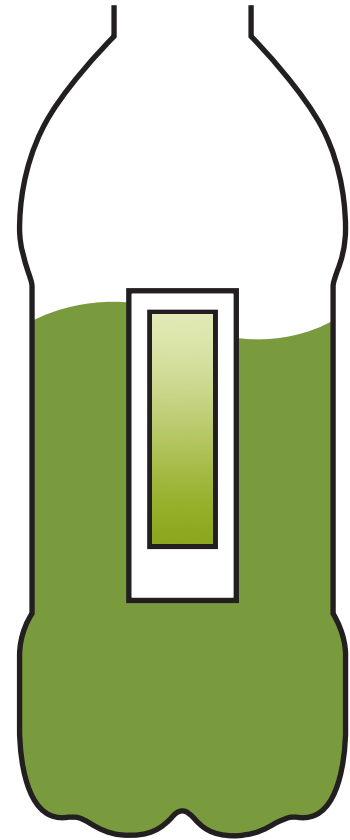
7. Watch it grow



1 day



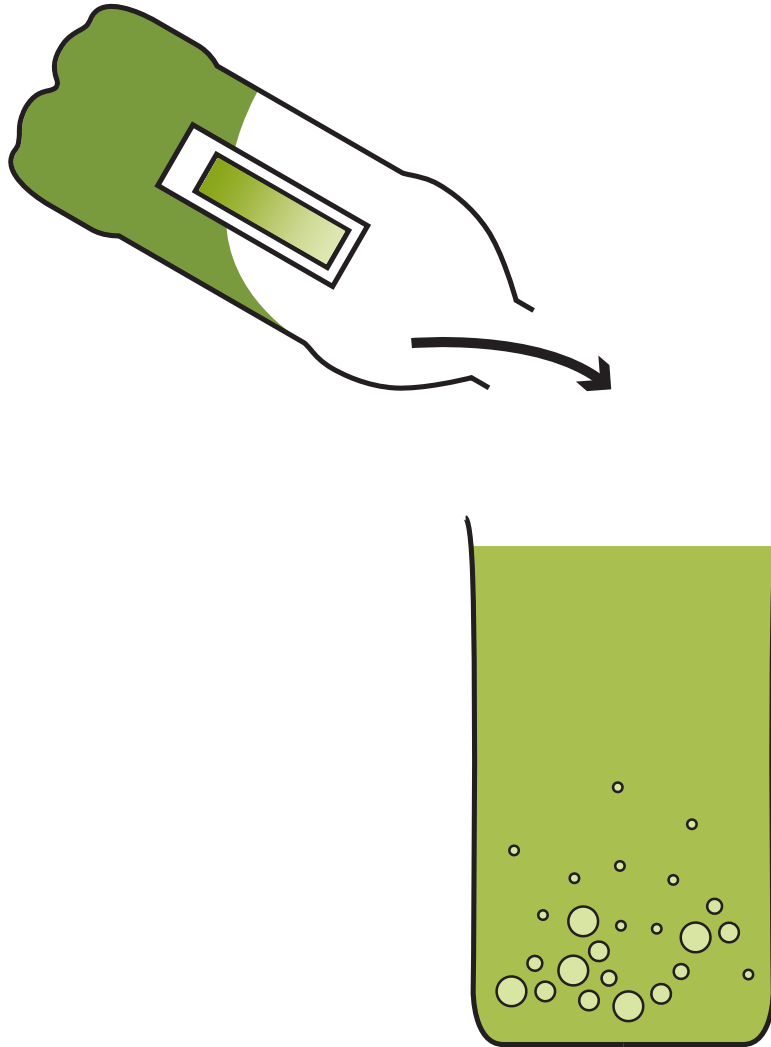
1 week



2 weeks


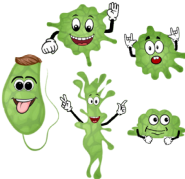
Watch the algae grow! The liquid will become a darker green as more algae grow. Check its progress against the colour chart.

8. Add to tank



After two weeks, the algae have grown as much as possible in the small bottle. They need more space! Your algae will be added to a big tank so that it can grow more.

Growth chart

Day	 
Monday	Some algae >>>>>>>>>> Lots of algae
Tuesday	
Wednesday	
Thursday	
Friday	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

Each day make a mark on the green that you can see in your algae bottle. Watch it grow as it becomes a darker green!

The green becomes darker because algae grow by multiplying. There will be much more algae in the bottle at the end of the two weeks.

Maze

