

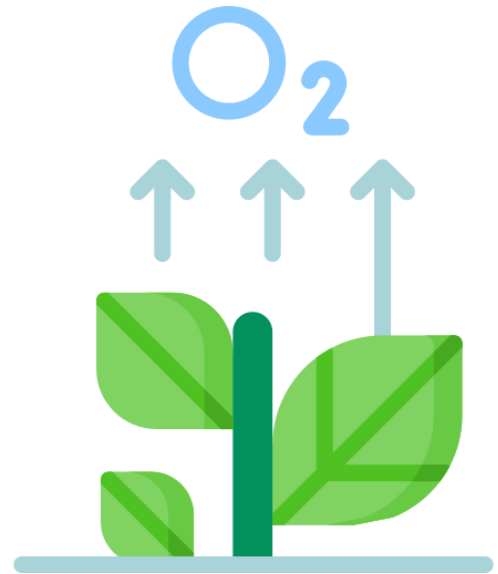
# Biology Bricks: Activity

## Pondweed Practical

Find out how much oxygen is created using some pondweed and a light.

*You will need:*

- *Pondweed (you can buy this in a fish shop)*
- *Water*
- *Clear container (for the water and pondweed to sit in, and be able to have a light shine on)*
- *Light with 1000 lumens*
- *1 metre ruler*



## Instructions

1. Fill your container with water and place the pondweed inside.
2. Measure the length of the metre ruler, and place the light at the end of it.
3. Measured in a minute, count the amount of oxygen bubbles the plant creates.
4. Continue to count the bubbles, after moving the light closer each time (at 20cm increases).
5. Write down your results to see the difference in light intensity.

What you should find is that the greater the light intensity (when you move the light nearer the plant), the more oxygen it will produce. This is the process of photosynthesis.