

## How does global warming lead to a rising sea level?

## **Required materials**

- a transparent glass container
- play dough (or rocks)
- ice cubes
- a glass with water
- a permanent marker
- a ruler
- a stopwatch
- a notebook and a pencil
- small branches (e.g. rosemary) to symbolise trees and wooden cubes or cork stoppers to symbolise houses

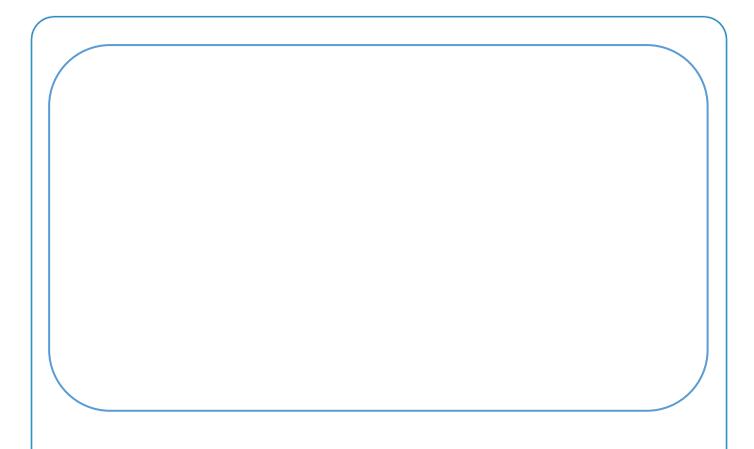
1. Qu	estions before performing the experiment
1.	What is global warming?
2.	How does global warming affect the Earth's climate?

## 2. Watch the first video and perform the experiment

Follow the steps outlined in the tutorial video.

Draw a diagram of your experiment in the box on the next page.





## 3. Record your measurements

Fill the table.

Time (min)	Water level (mm)

4. Observations
Describe what happened during the experiment.
5. Reflect and discuss
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Why is it important to understand the impact of global warming on the sea level?
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6. Ac	tion steps
1.	List one thing you can do to help combat global warming in your everyday life.
<b>7.</b> Su	mmary
Summ	narize the activity by answering the questions: why, what and how.
4	M/hu is the see level vising?
	Why is the sea level rising?
3.	<b>How</b> does the rising sea level impact plants and animals that live near the coast?
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