

# KEY STAGE 2 - LESSON 1: CLIMATE CHANGE

## INTRODUCTION

Climate Change is described as the greatest challenge of our time, but what is it, what's causing it, and what is it doing to our coastline?

In this lesson we explore climate and climate change, find out where greenhouse gases come from, and investigate ways to combat and adapt to climate change.

## TEACHING AND LEARNING

Task 1: Watch the video and run through the presentation:

- The presentation compliments the video and explores climate change, its impacts, what is causing it, and ways to combat it.

Task 2: Complete the Quiz

- Go through the accompanying quiz as a class, with the learners either writing answers or calling out answers: there are 5 questions to go through summarising the learning.

Task 3: Practical Activity: Biomes & Climate

- Use a plastic bottle to act as a small terrarium, creating a warm, moist 'climate' in which to grow plants. You can link in further curriculum points surrounding plants here.

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## LEARNING OUTCOMES:

- 1) Know that the Earth has 5 main climates
- 2) Know that Earth's climate is being affected by 'greenhouse gases'
- 3) Know how to combat climate change at an individual level

## CURRICULUM LINKS:

### SCIENCE

- Recognise that environments can change and that this can sometimes pose dangers to living things.
- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

### GEOGRAPHY

- Describe and understand key aspects of:
  - Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle