

## What I need to know by the end of this unit:

- Coral is an animal not a plant
- Coral reefs are important for wildlife and humans.
- Coral bleaching is occurring due to rising sea temperatures.
- The greenhouse effect is why global temperatures are rising.
- Humans are causing global warming in different ways.
- The ways which humans can help reduce carbon emissions.
- Sea levels are rising due to the melting of the polar ice caps.
- Sea levels rising are causing huge impacts on people and places.
- Renewable energy sources never run out.
- Trees play a huge role in the fight against climate change due to the carbon cycle.
- Everyone can make a difference by acting and thinking fairly, sustainably and collaboratively.

## Vocabulary Focus – Top 5!

- **Greenhouse effect** – Gases in the atmosphere, such as carbon dioxide, trap heat similar to the glass roof of a greenhouse.
- **Global Warming** – The process of our planet heating up.
- **Carbon emissions** - Burning fossil fuels releases carbon dioxide and other greenhouse gases into the atmosphere.
- **Climate change** – The shift in the Earth's usual weather conditions over many years.
- **Renewable energy sources** - renewable energy sources will never run out. They are a natural source of energy.

Can you match any of these key words to an image on the right?

## SDG and Lyfta Link:

**Lyfta Lesson - Become Ocean Wise** – Meet Ambassador Kwon, planting trees in the deserts of northwest China, and discover why trees are so amazing!

**SDG: 3,11,13,15**

