

## What can we do to combat Climate Change?

Climate change is something that happens to our planet naturally over a long period of time. This has happened a lot of times on Earth and this is why we have gone through 'Ice Ages' in the past. However, at the moment the Earth's climate is changing at a faster rate than ever before. Climate change is a very significant issue that we are facing today. Humans are emitting carbon dioxide and other greenhouse gases in many ways, including burning fossil fuels to produce energy, landfills, transport and agriculture. In order to combat the effects of climate change and global warming, we must reduce the amount of CO<sub>2</sub> and other greenhouse gases that we are producing. If a lot of people make small individual changes, it will lead to a lot of change overall!

### Reduce, Reuse and Recycle

- Reduce the amount of waste you produce and buy products with less packaging.
- 1 recycled tin can saves enough energy to power a television for 3 hours.
- 1 recycled glass bottle saves enough energy to power a computer for 25 minutes.
- 1 recycled plastic bottle would save enough energy to power a 60-watt light bulb for 3 hours.

### Save Energy

- Turning off lights when you are not in the room
- Turning off devices fully instead of leaving on standby
- Walking or cycling instead of using cars
- Use energy efficient light bulbs and appliances
- Use renewable sources of energy, e.g. a solar powered calculator
- Put on a jumper instead of turning on the heating
- Saving water saves the energy used to pump, treat and heat the water.

### Our Food

- Food waste is one of the largest contributors to global climate change
- When we waste food, we also waste all the energy and water it takes to grow, harvest, transport, and package it.
- Eat more meat-free meals
- Buy organic and local whenever possible
- Grow your own

### In your School

- Think about what you can do, what could your class do, what could your school do to help combat climate change and reduce your carbon footprint?
- Plan and take Climate Actions to reduce your school's carbon footprint