Climate and Carbon Day

Climate and carbon day

A day for pupils to learn about the carbon cycle, how human behaviour has disrupted the natural cycle, the effects on the climate of that disruption and the role plants can play in mitigating the effects of climate change. Students will investigate forest trees to calculate how much carbon they store. They will explore some of the sustainable features which help Suntrap to reduce our greenhouse gas emissions, and they will have the opportunity to demonstrate their understanding of climate action through an achievable personal behaviour



Learning objectives

- To understand the science of climate change and how Suntrap is trying to reduce its greenhouse gas emissions.
- To investigate the importance of plants and trees in our ecosystems.
- To explain how knowledge of the carbon cycle can be utilised to understand and communicate the need for climate action.
- To demonstrate their understanding of climate action through an achievable personal behaviour change.

Some suggestions for visit preparation

- 1. Discuss "what is climate change?" as a class.
- 2. Look into what school initiatives are already taking place to help combat climate change.

Follow on suggestions

- 1. Write to your local councillor/MP about why climate action is needed.
- 2. Encourage each student to make a pledge to take one action to help fight against the climate and ecological emergency.

National curriculum links Y5 Science

Living things and their habitats

describe the life process of reproduction in some plants and animals

Y6 Science

Evolution and inheritance

 identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

Geography

Human and physical geography

the distribution of natural resources including energy and water

Geographical skills and fieldwork

 use maps to describe features studied use symbols and key





Click here to read our day visit risk assessment