

# Water Sustainability Day

## Water sustainability day

A day for pupils to learn about the effects of climate change on water in the environment. They will investigate the effects of both water pollution and temperature on species diversity in ponds and how the permeability of different surfaces affects urban flooding. Students will explore some of the sustainable features which help Suntrap to reduce our green-house gas emissions. They will have the opportunity to demonstrate their understanding of climate action through an achievable personal behaviour change.



## Learning objectives

- To understand the science of climate change and how Suntrap is trying to reduce its carbon emissions and impact on climate change.
- To investigate the effects of water pollution on the biodiversity of ponds and how increases in water temperature can affect species diversity.
- To investigate how different surfaces have different permeability and evaluate those findings while considering urban flooding.
- 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

### Y6 Science

#### Living things and their habitats

- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including animals

#### 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



Flooding in Oliver Road, Waltham Forest / Lesley Finlayson

Click [here](#) to read our day visit risk assessment

Bringing nature nearer