

Richmond Park

The focus of this learning theme is to study a site of special scientific interest which is just up the road! **In geography**, we develop our enquiry skills by investigating: 'What are the trees like in Conduit Wood?' To do this, we estimate the height of trees and measure the circumferences in order to speculate about the age of the tree. We identify the species by examining the leaves and bark. Children produce sketch maps using symbols. **In science**, children study living things and their habitats, and later, plants. They use branching diagrams to sort and classify organisms which live in the park. They are grouped using key vocabulary such as predator, carnivore, herbivore and native species. **In maths**, children conduct traffic surveys in the park, turning their results into bar charts. Children use maps of the park to measure distances using scales and apply this in an investigation. **In art**, children study the work of Andy Goldsworthy. They create their own work inspired by him on one of our trips to the park. Children also practise colour matching of natural materials using colour swatches. They do some observational drawings of leaves. They also practise their colour mixing skills and use watercolours to create paintings of leaves.

Content:

- Two trips:
 - Trip number 1 – focus on geography, maths and science skills
 - Trip number 2 – focus on art skills
- Living things and their habitats
- Plants
- Tally charts and pictograms
- Colour matching
- Observational drawing
- The work of Andy Goldsworthy
- Measuring height, circumference and age of trees
- Different species of trees
- Planning journeys on maps

Key skills and understanding:

- create accurate sketch maps with symbols
- plan routes on maps of the local area
- use scales on maps to measure distances
- use fieldwork skills to carry out a geographic enquiry
- use branching diagrams to sort and classify organisms
- use precise scientific vocabulary such as predator, carnivore and herbivore
- identify different habitats and their characteristics
- complete tally charts and pictograms
- turn data into bar charts and interpret results
- colour match with swatches
- colour mix using watercolours
- draw from observation
- create own works of art inspired by the work of others