

## Science KS1- Information for teachers

2014 National Curriculum link:

### **Year 1**

- 'Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.'
- 'Identify and describe the basic structure of a variety of common flowering plants, including trees.'

### **Year 2**

- 'Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.'

Objectives covered (linking to the Chris Quigley 'Essentials')

- **To understand plants:**
- *'Identify and name a variety of common plants... and trees and those classified as deciduous and evergreen.'*
- *'Identify and describe the basic structure of a variety of common flowering plants, including roots, stem/trunk, leaves and flowers.'*
- *'Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.'*

Activities:

#### **1) Mother Shipton's Cave Tree Trail:**

\* Children use the booklet as they go through the park and spot the different types of trees from their trunks. As they spot the trees, they also make bark rubbings to distinguish further differences between their trunks.

#### **2) Powerpoint presentation:**

The presentation should be used back in the classroom as a follow-on activity as children:

- ✓ Revisit trees spotted
- ✓ Label parts of a flower & tree
- ✓ label real flowers and images of different trees
- ✓ Name common flowers
- ✓ Look at the difference between evergreen and deciduous trees
- ✓ Look at what a plant needs to grow

**Resources needed:**

- *Pencils*
- *Rubbers*
- *Paper (preferably thin for bark rubbings)*
- *String*
- *Real or display flowers*
- *Images of trees*
- *Parts of plants labels (provided)*
- *Flower name labels (provided)*
- *'What plants need to grow' activity sheet (provided)*