



KS2 Science

Year 6 - Information for Teachers

National Curriculum objectives:

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 microorganisms, plants and animals.
- Give reasons for classifying plants and animals based on specific characteristics.

Activities:

1) Mother Shipton's Science Trail:

- * Children learn about the importance of trees and use the booklet as they go through the park to spot the different types of trees from their trunks.
- * Carry out a wild plant hunt searching for wild plants known to grow in the park.
- * Learn about the process of petrification.
- * Complete a classification key for the wild plants seen.

2) PowerPoint presentation. The presentation can be used back in the classroom as a follow-on activity as children:

- * Revisit trees spotted.
- * Learn more about classification keys and visit the Bitesize website:
<https://www.bbc.co.uk/bitesize/articles/z9cbcwx>
- * Children investigate the plants given and create their own classification keys.

Resources needed:

- *Pencils*
- *Rubbers*
- *String*
- *Paper*
- *Examples of classification keys for support*