



Session Outline: Classification Year 6

National curriculum: This day has been created to support schools with the Year 6 Living things and their habitats part of the curriculum:

- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals
- give reasons for classifying plants and animals based on specific characteristics

Learning objectives	Session structure	
<p>By the end of the day children will:</p> <ul style="list-style-type: none"> • Give reasons why we classify animals based on their similarities and differences • Describe how living things are divided into groups • Identify the characteristics of different types of animals • Explain the classification of animals found in their local habitat • Know who Carl Linnaeus was and be able to describe his classification system 	<p>Introduction We introduce the concept of classification through observable features in an interactive presentation. Using a storybook about Carl Linnaeus we explain his role in developing the classification system that we use today. Children will learn the 5 Kingdoms and will then classify animals into the correct phylum.</p> <p>After this initial session children will rotate through the following activities in 3 groups over the rest of the day, with lunch fitted in between 12.00 and 1.00.</p> <p>Use of scientific keys Children will do a short pond dip to gather creatures and will then use keys to identify what they have found using observable features.</p> <p>Scientific drawings of plants After discussing what is needed in quality botanical drawings children will attempt to create their own botanical drawings of a plant in the grounds of Skelton Grange.</p> <p>Examining leaves to identify species Children will gather and group leaves, learning and using accurate language to identify leaf types.</p>	
Before your visit	After your visit	Key vocabulary
<p>No prior knowledge is expected. Practice observation: Ask children to pick leaves from 3 different plants and draw them as accurately as they can.</p>	<p>Use new knowledge of leaf identification and keys to identify plants in or around the school grounds.</p>	<p>Classification, Characteristics, Observable, Consistent Kingdom, class, order, genus, species, family, phylum Animal, plant, fungi, protista, monera Key</p>