

Lesson Plan – Woodland Study

| <u>Learning Objective – Key Stage 2</u> | <u>Session Structure</u> | <u>Assessment for learning</u> |
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| <p>By the end of the session pupils will be able to:</p> <ul style="list-style-type: none"> • Understand why trees are so important - Photosynthesis • Understand what a habitat and a microhabitat is • Use keys to identify tree species by leaf shape • Be able to identify some common tree species • Learn how to work out a trees approximate age – without cutting it down • Learn how to work out how tall a tree is • Have fun working as part of a team and exploring the forest | <p>General discussion about trees to gain an understanding of the group's knowledge. Why are trees important? Discuss the important habitat they provide and what products are made from trees. Discuss how trees turn carbon dioxide into oxygen through photosynthesis. Consider the root system of a tree. Consider how different our world would be without trees.</p> <p>Activity</p> <ul style="list-style-type: none"> • Use keys to identify different tree species by their leaves • Feel different textures of bark • In small teams choose a tree, work out how old it is and how tall it is • Consider the different species that may live in the tree • Explain the microhabitats that the tree provides | <p>During the session we will use questions and answers to encourage children to reflect on their learning from the session.</p> <p>We will end the session with a plenary activity to gauge what they have learnt. Each team will talk about their chosen tree and share the information they have collated.</p> <p>Key words</p> <ul style="list-style-type: none"> • Habitat • Microhabitat • Oak, Hornbeam, Lime, Willow and Field Maple • Symmetry • Species • Lichen • Root system • Photosynthesis |