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| **Burnham on Sea Community Infants**  **Science** | |
| **Year 1** | **Topic: Plants** |
| • 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. | |

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| **Prior Learning** | **Future Learning** |
| • Plant seeds and care for growing plants. (Nursery – Plants)  • Understand the key features of the life cycle of a plant and an animal. (Nursery – Plants)  • Begin to understand the need to respect and care for the natural  environment and all living things. (Nursery – Plants)  • Explore the natural world around them. (Reception – Living things and their habitats)  • Recognise some environments that are different to the one in which they live. (Reception – Living things and their habitats) | • Observe and describe how seeds and bulbs grow into mature plants. (Y2 - Plants)  • Find out and describe how plants need water, light and a suitable  temperature to grow and stay healthy. (Y2 - Plants)  • Identify and name a variety of plants and animals in their habitats, including microhabitats. (Y2 - Living things and their habitats)  • Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers. (Y3 - Plants)  • Investigate the way in which water is transported within plants. (Y3 - Plants) |

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| **Key Learning:** | **Possible Evidence:** |
| Growing locally, there will be a vast array of plants which all have specific names. These can be identified by looking at the key characteristics of the plant. Plants have common parts, but they vary between the different types of plants. Some trees keep their leaves all year while other trees drop their leaves during autumn and grow them again during spring. | • Can name trees and other plants that they see regularly  • Can describe some of the key features of these trees and plants e.g. the shape of the leaves, the colour of the flower/blossom  • Can point out trees which lost their leaves and those that kept them the whole year  • Can point to and name the parts of a plant, recognising that they are not always the same e.g. leaves and stems may not be green |
| **Key Vocabulary:** | **Common Misconceptions:** |
| Leaf, flower, blossom, petal, fruit, berry, root, seed, trunk, branch, stem, bark, stalk, bud  Names of trees in the local area  Names of garden and wild flowering plants in the local area | Some children may think:  • plants are flowering plants grown in pots with colored petals and leaves and a stem  • trees are not plants  • all leaves are green  • all stems are green  • a trunk is not a stem  • blossom is not a flower. |