

Science - Term 1 - Plants

Learning objectives	Activities	Key questions	Resources
To explore and compare differences between living things and things never alive by thinking about life processes.	Recall/assess previous Living, dead, never alive. Sorting activity. Group plants, animals, objects.	Can I compare the differences between things that are living, dead, never alive? Can I identify plants from other objects?	Sorting activity cards - plants, animals and objects
To identify plants and trees	Sorting activity - plant or tree? Naming common plants and trees	Can I describe differences between plants and trees? Can I describe features of a plant or tree by observing them closely?	Tree pictures Plant pictures Large name cards of common plants and trees
To explore and identify key structure of a plant	Label parts of a plant - root, stem, leaves, flower. Discuss the role each plant part. What do plants need to live?	Can I name the key features of a plant? Can I explain what plants need to live and grow? Can I describe what each part of the plant does?	Video clip - parts of a plant and what plants need Prompt activity to label Talking partners
To investigate what plants need to live and to plan a fair test	Plant beans Fair test, remove either light or water Make predictions	Can I plant a seed and explain all the things that seed needs to grow? Can I plan a fair test by removing either light or water? Can I make predictions?	Beans Clear Pots Cotton wool Water Fair test planning sheet
To explore and identify plants found locally	Bluewater Nature Trail - Identify plants, trees, shrubs - look at plants suited to water	Can I identify plants, trees, flowers, shrubs? Can I discuss how some plants are suited to different environments?	Prompt sheet with photographs of plants and trees found at the nature trail Minibus/risk assessment/diary date
To explore, identify and taste plants that we eat Class outing to Waitrose to buy plants to taste	Plant tasting - mixture of fruits and vegetables - look at pictures of the plants and fruits growing Discuss which part of the plant is eaten - root, flower, leaf, stem	Can I describe which part of a plant I am eating? Can I identify the plant/tree from the pictures?	Variety of fruits and vegetables - root, leaf, flower, fruit Pictures of apple trees, carrots in ground etc

