



Terrific Trees – Term 6

Southville Primary School

Year 2

Local Anchor Point	Visit/ Visitor	Key Person	Key Outcome
Local park and school grounds (trees and microhabitats for observations)	Tree surgeon (parent)		Cress Investigation This term Year 2 perform their play which is why there is only one driver subject.
Diversity, Equity and Inclusion Discussing how trees and resources vary globally; reflection on responsibility to care for resources, considering different climates and environments.		Linked Learning English: Writing a traditional tale Geography: Investigation about where different trees grow around the world	
Driver 1: Science <i>How do trees contribute to our lives?</i>			
Driver 1 Objectives Plants: <ul style="list-style-type: none">Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers.Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant.Observe and describe how seeds and bulbs grow into mature plants.Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.Describe the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. Living Things and Their Habitats <ul style="list-style-type: none">Explore and compare the differences between things that are living, dead, and things that have never been alive.Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants. Seasonal Changes <ul style="list-style-type: none">Observe changes across the four seasons.Observe and describe weather associated with the seasons and how day length varies.			
Driver 1 Disciplinary Knowledge and Skills This is knowing how to carry out practical procedures using different equipment and to collect, use, interpret, understand and evaluate the evidence from scientific processes: <ul style="list-style-type: none">Planning: Asking questions, fair testing, setting up simple testsDoing: Using different equipment safely, making systematic and careful observationsRecording: Obtaining evidence, classifying and identifying, recording findings in a variety of ways (e.g. drawings, labelled diagrams, keys, bar charts, graphs and tables)Concluding: Suggesting answers, reporting, presenting (in oral and written forms)Evaluating: Seeking patterns, making predictions for the future			

Driver 1 Key Vocabulary

- **Tier 1:** soil water sun growth plants roots stem seed fruit leaves branch trunk petals tree bark flower grow
- **Tier 2:** germination bulb evergreen deciduous lifecycle
- **Tier 3:** names of plants and trees microhabitat conservation oxygen prediction classification

Driver 1 Sequence

How do trees contribute to our lives?

1. **WALT:** Identify parts of a common tree
2. **WALT:** Understand what trees are and why they are important
3. **WALT:** Identify different seeds and learn the stages of seed germination
4. **WALT:** Learn how bulbs mature into plants and how they differ from seeds
5. **WALT:** Understand that plants need water, light and a suitable temperature to grow
6. **WALT:** Understand the differences between an evergreen and a deciduous tree
7. **WALT:** Understand the roles of trees in our environment
8. **WALT:** Understand and explain the life cycle of a tree
9. **WALT:** Describe a microhabitat
10. **WALT:** Explain what food and other products come from trees
11. **WALT:** Understand why it is important to protect trees and how to do this
12. **WALT:** Gather and record data
13. **WALT:** Compare different trees around the world
14. **WALT:** Compare different leaf patterns and sort them into what tree they are
15. **WALT:** Gather and record data
16. **WALT:** Understand changes throughout the seasons
17. **WALT:** Observe and classify what season the trees are in
18. **WALT:** Show our knowledge of the changes in trees throughout the seasons
19. **WALT:** Explain the differences between seasons
20. **WALT:** Gather and record (Final check of cress, discussion of progress and evaluation)