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|  **Creech St Michael Primary School** |
| **Science:** | **Plants** | **Year**  **2**  |

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| **Background understanding (what I should already know)…** |
| * 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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| **What I will know by the end of the unit…** |
| **I can observe and describe how a plant grows and what happens when it dies** |  |
| **I can observe and describe how seeds and bulbs grow into mature pIants.****I can find out and describe how plants need water, sunlight and a suitable temperature to grow and stay healthy.** |  |

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| **Key vocabulary** |
| **Germination** |  |
| **Nutrition** | Food or nourishment. Plants use sunlight to make their own food in their leaves. |
| **Sprout** | When a plant sprouts, it grows new leaves. |
| **Shoot** | A shoot grows upwards from a seed or plant to find sunlight. |
| **Seed dispersal** | When the seed moves away from the parent plant. They can be moved by the wind or animals. |
| **Sunlight** | All plants need light from the sun to grow well. Some plants needs lots of sunlight and some need less sunlight. |
| **Temperature** | Temperature is how warm or how cold somewhere is. Some plants like warmer temperatures and some like cooler temperatures. |
| **Water** | All plants need water to grow. Without sunlight, seeds will not germinate. |

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| **Possible Scientific Enquiry Questions…** |
| **Observing over time**  | What happens to the seed/plant each day, each week, each month? |
| **Pattern seeking** | Do all plants grow to the same height? Do they all grow in the same conditions? |
| **Identifying, classifying and grouping** | How can you sort and group these plants, flowers, trees? |
| **Fair testing**  | Have we used the same amount of water? Have we planted the same number of seeds? |

**Scientific skills and enquiry (Year 1 and 2)**

* asking simple questions and recognising that they can be answered in different ways
* observing closely, using simple equipment
* performing simple tests
* identifying and classifying
* using their observations and ideas to suggest answers to questions
* gathering and recording data to help in answering questions.