

Science Progression

Science

Year 1	
Autumn 1	Autumn 2
<p style="text-align: center;">Introduction to Plants</p> <ul style="list-style-type: none"> • <i>Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees</i> • <i>Identify and describe the basic structure of a variety of common flowering plants, including trees</i> <p>Lesson 1- Understand what a plant needs to grow well</p> <p>Lesson 2- Know the basic parts of a plant</p> <p>Lesson 3- Identify and name a variety of common wild and garden plants</p> <p>Lesson 4- Identify and describe the basic structure of a variety of common flowering plants and trees</p> <p>Lesson 5- Know about different sources of food grown by farmers</p> <p>Lesson 6- Know the difference between an evergreen and a deciduous plant</p> <p>Lesson 7- Know how plants change over time</p>	<p style="text-align: center;">Seasons</p> <ul style="list-style-type: none"> • <i>Observe changes across the four seasons</i> • <i>Observe and describe weather associated with the seasons and how day length varies</i> <p>Lesson 1- Recognise different types of weather</p> <p>Lesson 2- Learn about clouds and rainfall</p> <p>Lesson 3- Recognise the different types of cold weather</p> <p>Lesson 4- Explain how to keep safe during thunderstorms</p> <p>Lesson 5- Look at different types of weather and how it affects places on Earth</p> <p>Lesson 6- Identify the four seasons</p>

Year 1	
Spring 1	Spring 2
<p>Animals including Humans (about animals)</p> <ul style="list-style-type: none"> · <i>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals</i> · <i>Identify and name a variety of common animals that are carnivores, herbivores and omnivores</i> · <i>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)</i> <p>Lesson 1- Understanding what animals need in order to grow</p> <p>Lesson 2- Know where birds live and what they need</p> <p>Lesson 3- Explore how animals need to be cared for differently</p> <p>Lesson 4- Discover how an animals offspring is the same as its parent</p> <p>Lesson 5- Identify a variety of animals including fish, amphibians, reptiles, birds and mammals</p> <p>Lesson 6- Identify a variety of common animals that are carnivores, herbivores and omnivores.</p>	<p>Animals including Humans (about me)</p> <ul style="list-style-type: none"> · <i>Identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense</i> <p>Lesson 1- Learn about the senses: sight, taste and touch</p> <p>Lesson 2- Learn about the senses: hearing and smell</p> <p>Lesson 3- Identify, name, draw and label the basic parts of the human body</p> <p>Lesson 4- Learn about the changes in your body since you were a baby</p> <p>Lesson 5- Understand the importance of taking care of your body</p> <p>Lesson 6- Show how humans mimic nature</p>

Year 1	
Summer 1	Summer 2
<p style="text-align: center;">Exploring everyday materials</p> <ul style="list-style-type: none"> • <i>Distinguish between an object and the material from which it is made</i> • <i>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</i> • <i>Describe the simple physical properties of a variety of everyday materials</i> • <i>Compare and group together a variety of everyday materials on the basis of their simple physical properties</i> <p>Lesson 1- Identify the materials objects are made from Lesson 2- Describe some physical properties of materials Lesson 3- Group together materials by their physical properties Lesson 4- Identify everyday materials which are opaque or transparent Lesson 5- Know the story of Wilbur and Orville Wright Lesson 6- Explore everyday materials which are absorbent or non-absorbent</p>	<p style="text-align: center;">Uses of everyday materials</p> <ul style="list-style-type: none"> • <i>Distinguish between an object and the material from which it is made</i> • <i>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</i> • <i>Describe the simple physical properties of a variety of everyday materials</i> • <i>Compare and group together a variety of everyday materials on the basis of their simple physical properties</i> <p style="text-align: center;">Lesson 1- Know everyday uses of magnets Lesson 2- Recognise a variety of everyday materials Lesson 3- Understand why materials are used for specific tasks Lesson 4- Understand that magnets only attract certain metals Lesson 5- Understand that magnets have a north and south pole Lesson 6- Know how to test materials for their strength; understand that some materials are natural, and some are man-made.</p>