

Yearly Skills & Knowledge Progression - 2026-2027
Subject: Science
Year group: Year 1

	Half Term 1	Half Term 2
Autumn	Animals - Comparing Animals Lesson 1: I can identify and group animals. Lesson 2: I can describe a variety of animals. Lesson 3: I can compare the features of animals. Lesson 4: I can identify animals that are carnivores, herbivores and omnivores. W.S: I can research using non-fiction texts. Lesson 5: I can recognise animals that make suitable pets. W.S: I can gather and record data to help answer questions. Lesson 6: I can describe and compare the structure of animals. W.S: I can talk about famous scientists throughout history. Wonder of Science -	Forces and Space - Seasonal Changes Lesson 1: I can identify how the weather changes across the four seasons. Lesson 2: I can identify events and activities that take place in different seasons. Lesson 3: I can recognise how trees change across the four seasons. Lesson 4: I can recognise that daylight hours change across the four seasons. W.S: I can record data in a pictogram. Lesson 5: I can observe changes across the four seasons. W.S: I can gather and record data about how seasons change over time. Lesson 6: I can plan and carry out a weather report. Wonder of Science -
	Key Vocabulary: amphibian, bird, carnivore, compare, diet, difference, fish, group, herbivore, mammal, observe, omnivore, reptile, scientist, similarity	Key Vocabulary: deciduous tree, evergreen tree, season, weather

Spring	Materials - Everyday Materials Lesson 1: I can identify everyday materials. W.S: I can sort objects into groups based on the materials they are made from. Lesson 2: I can recognise the difference between objects and materials. Lesson 3: I can describe the properties of materials. Lesson 4: I can group materials based on their properties (absorbency). W.S: I can make observations and record data. Lesson 5: I can group materials based on their properties (waterproofness). W.S: I can plan a test and suggest what might happen. Lesson 6: I can group materials based on their properties (toughness). W.S: I can answer questions based on results. Wonder of Science -	Plants - Introduction to plants Lesson 1: I can identify plants in the school grounds. W.S: I can plan an investigation. Lesson 2: I can identify parts of a flowering plant. W.S: I can draw and label a diagram. Lesson 3: I can identify and name wild and garden plants. W.S: I can sort flowers into groups. Lesson 4: I can identify and name deciduous and evergreen trees. W.S: I can measure and compare leaves. Lesson 5: I can recognise that new plants come from seeds and bulbs. W.S: I can recognise that observations do not always match predictions. Lesson 6: I can recognise the importance of a scientist's role. W.S: I can use observations to find answers to questions. Wonder of Science -
	Key Vocabulary: absorbent, fabric, glass, group, material, metal, object, plastic, rock, tough, waterproof, wood	Key Vocabulary: bulb, deciduous, diagram, evergreen, flower, fruit, garden plants, group, growth, leaf, measure, observe, roots, seed, stem, trunk, wild plants

Summer	Making Connections - Investigating Science through stories Lesson 1: I can observe changes across the seasons. W.S: I can spot patterns in data. Lesson 2: I can describe and compare the features of animals. W.S: I can carry out research to find specific information. Lesson 3: I can identify differences in animal features. W.S: I can use a ruler to measure. Lesson 4: I can describe the properties of everyday materials. W.S: I can plan how to carry out a test. Lesson 5: I can identify animals that are carnivores, herbivores and omnivores. Wonder of Science -	Animals: Sensitive bodies (body parts link with PSHE) Lesson 1: I can name parts of the human body. W.S: I can sort body parts into groups. Lesson 2: I can name the body parts used for each sense. W.S: I can spot patterns in data. Lesson 3: I can identify the body parts used for the sense of taste and touch. W.S: I can use the senses to make observations. Lesson 4: I can identify the body parts used for the sense of smell and sight. W.S: I can recognise that scientists are always making new discoveries. Lesson 5: I can identify the body part used for the sense of hearing. W.S: I can investigate how sound changes as you move further away. Lesson 6: I can recognise how the senses are used in everyday life. W.S: I can recognise the importance of the senses in certain jobs. Wonder of Science -
	Key Vocabulary: amphibian, bird, carnivore, compare, diet, difference, fish, group, herbivore, mammal, material, object, omnivore, pattern, reptile, season, similarity, trunk, waterproof, weather	Key Vocabulary: compare, group, hearing, pattern, sense(s), sight, smell, taste, touch

Greensands science assessment system

- **Knowledge:** Children complete Kapow quizzes after every unit/half termly. Please note that these should be low stakes and can be peer-marked. Record these scores on an excel spreadsheet.
- **Scientific Enquiry:** Teachers RAG-rate every child after every unit/half termly (GD, M, B) - being particularly mindful about the enquiry foci for the unit - on the same excel spreadsheet.
- **Overall Summative Judgement:** Recorded on Arbor at the end of each term : GD (greater depth), M (meeting), or B (below meeting)