



**Rationale for Science:** Our science vision is to ignite curiosity in the science around us and enable children to explore further, so they can make their own discoveries and develop their understanding  
At Springhill, Science is taught according to five principles which develop all areas of the science National Curriculum including Scientific Skills, Knowledge and Vocabulary  
We teach it this way because we aim to enable all of the Springhill children to see themselves as scientists of the future.  
It matches the national curriculum as the National Curriculum was used as a basis for the long term and medium term plans.  
We go beyond the curriculum here: The individual short term plans were written to extend the National Curriculum to include greater opportunities for independent and practical investigations. Examples of scientific career paths have been added to planning to encourage children to consider science as a future career. Planned extra-curricular activities enable all children and families to access science in the wider world.

LTP	Foundation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Autumn 1</b>	All About Me This is my school	Materials part 1	Living things and their habitats part 1	Materials – rocks/soils	States of matter	Space	Light and shadows
<b>Autumn 2</b>	Weather and Seasons – Winter Weather	Materials part 2	Living things and their habitats part 2	Forces and magnets	Sound part 1	Forces part 1	Electricity
<b>Spring 1</b>	Different Types of Houses Joining Materials	Animals including humans part 1	Materials	Animals including humans part 1	Sound part 2	Forces part 2	Animals including humans part 1
<b>Spring 2</b>	Weather and the Four Seasons Insects Animals and their Young Life Cycles	Animals including humans part 2	Animals including humans	Animals including humans part 2	Electricity	Animals including humans	Animals including humans part 2
<b>Summer 1</b>	Plants	Plants part 1	Plants part 1	Plants	Animals including humans	Living things	Living things – classification
<b>Summer 2</b>	Under the sea Space	Plants part 2	Plants part 2	Light and shadows	Living things	Properties of materials	Evolution