

Subject Name:	Science
Curriculum Intent Statement	
<p>Our intent is to provide a Science curriculum, which will develop scientific knowledge, skills and conceptual understanding through the specific disciplines of Biology, Chemistry and Physics. Our teaching of science encourages our children to; think critically about the world; know how science supports them in everyday life; and solve problems with a positive, resilient attitude.</p>	
Autumn Term 1	
<p>Living things and their habitats</p> <ul style="list-style-type: none"> • To compare the life cycles of two different animals. 	
Autumn Term 2	
<p>Earth and Space</p> <ul style="list-style-type: none"> • To describe the movement of the Moon relative to the Earth. • To describe the Sun, Earth and Moon as approximately spherical bodies. 	
Spring Term 1	
<p>Forces</p> <ul style="list-style-type: none"> • To understand that objects fall towards the Earth because of gravity. • To identify the effects of air resistance on moving objects. 	
Spring Term 2	
<p>Everyday Materials</p> <ul style="list-style-type: none"> • To compare everyday materials based on their properties. • To group everyday materials based on their properties. • To give reasons, based on evidence, for the particular uses of everyday materials, including metals, wood and plastic. 	

Summer Term 1

Properties of materials

- To compare and group together everyday materials based on their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.

Summer Term 2

Scientific Enquiry

- To plan a comparative investigation.
- To describe how to change one variable while keeping others the same.
- To write a conclusion using scientific ideas.
- To repeat experiments to get accurate readings.
- To use test results to make predictions to set up further comparative and fair tests