

Progression sheet

The following grid shows the Science knowledge and skills that will be taught in each year group at Lapage. Teachers use creative approaches and make links to other subjects in order to make learning more exciting and purposeful for children.

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>In the Early Years and Foundation Stage (EYFS 0-5) we focus on children's developmental stages leading to the Early Learning Goals. Children learn and develop through a play based curriculum. They explore and communicate their understanding of the world through talking about familiar things around them.</p> <p>Develop ideas of grouping, sequences, cause and effect Creating & Thinking Critically Know about similarities and differences in relation to places, objects, materials and living things ELG: The World Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world The World: 30-50 months</p>	<p>Observe objects, living things and events using appropriate sense Describe objects, living things and events using the appropriate language e.g shiny, dull, rough, smooth Begin to compare one object, living thing or event with another and, where appropriate begin sorting into groups Measure in non-standard units e.g hand span, unifix cubes etc. Collect evidence to try to answer a question</p>	<p>Observe and describe objects, living things and events using scientific language by comparing one thing against another e.g rougher, smoother Recognise similarities and differences in objects, living things and events Sort things into groups using scientific groupings e.g: Waterproof and not waterproof Order objects, living things and events through my observations Order objects, living things and events through my observations</p> <ul style="list-style-type: none"> • Measure in non standard units and then where appropriate, standard units. These will include length and mass • Collect evidence to try to answer a question 	<p>Observe and describe objects and events by comparing similarities and differences and by using language which is appropriate to KS2 Suggest a wide range of scientific criteria to group and order my observations Measure in standard units- length, mass, time, temperature, volume of liquid</p>	<p>Carefully observe and describe objects, living things and events using language appropriate to KS2, by comparing and grouping my observations Measure in standard units and choose the most appropriate form of measuring Collect evidence in a variety of contexts to test an idea or prediction</p>	<p>Observe and describe things in careful detail using scientific language Sort and classify objects, living things and events with precise criteria e.g solid, liquid, gas Begin to measure precisely in standard units and to choose the most appropriate equipment for the task Begin to repeat observations and measurements when appropriate Recognise that scientific ideas are based on evidence</p>	<p>Observe and describe objects, living things and events in precise detail using correct scientific language Measure accurately e.g to the nearest degree, mm etc Decide when repeat observations and measurement need to be made Extension skills Measure with precision a variety of quantities (time, mass, volume, temperature etc) using instruments with fine divisions</p>

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