



Science - Long Term Planning



Collierley Nursery and Primary School use the National Curriculum objectives to plan and teach a sequence of lessons that show progression through the units and through each year group. We use Science Bug (a planning and resource

scheme) to support our teaching and learning and to ensure the children are engaged in fun hands-on science tasks.

	Autumn - Physics		Spring - Chemistry		Summer - Biology	
EYFS Understanding the World	Understanding the world involves guiding children to make sense of their physical world and their community. The frequency and range of children's personal experiences increases their knowledge and sense of the world around them - from visiting parks, libraries and museums to meeting important members of society such as police officers, nurses and firefighters. In addition, listening to a broad selection of stories, non-fiction, rhymes and poems will foster their understanding of our culturally, socially, technologically and ecologically diverse world. As well as building important knowledge, this extends their familiarity with words that support understanding across domains. Enriching and widening children's vocabulary will support later reading comprehension.					
Y1/Y2 Cycle A	Year 2 Everyday Materials (Uses of Materials) Year 2 Everyday Materials (Changing Shape)		Year 2 Living Things and Their Habitats (Living Things)	Year 2 Living Things and Their Habitats (Habitats)	Year 2 Animals Including Humans (Feeding and Exercise)	Year 2 Plants (Growing Plants)
Y1/Y2 Cycle B	Year 1 Seasonal Changes (ongoing throughout the year)	Year 1 Everyday Materials (Comparing Materials)	Year 1 Everyday Materials (Identifying Materials)	Year 1 Plants (Plants)	Year 1 Animals Including Humans (Parts of Animals)	Year 1 Animals Including Humans (Types of Animals)
Y3/Y4 Cycle A	Year 4 Electricity (Electricity)	Year 4 Sound (Sound)	Year 4 States of Matter (Changes of State)	Year 4 Animals Including Humans (Human Nutrition)	Year 4 Living Things and Their Habitats (Grouping Living Things)	Year 4 Living Things and Their Habitats (Dangers to Living Things)
Y3/Y4 Cycle B	Year 3 Forces and Magnets (Forces and Magnets)	Year 3 Light (Light and Shadow)	Year 3 Rocks (Rocks and Soils)	Year 3 Plants (Parts of a Plant)	Year 3 Plants (What a Plant Needs)	Year 3 Animals Including Humans (Movement and Feeding)

<p>Y5</p>	<p>Earth and Space (Earth and Space) Forces</p>	<p>Properties of Changes of Materials (Materials) Properties of Changes of Materials (Separating Mixtures)</p>	<p>Properties of Changes of Materials (Types of Change)</p>	<p>Living Things and Their Habitats/ Animals Including Humans (Life Cycles)</p>
<p>Y6</p>	<p>Light (Light and Sight) Electricity (Changing Circuits)</p>	<p>Evolution and Inheritance (Evolution and Inheritance)</p>	<p>Living Things and Their Habitats (Classifying Living Things) Animals Including Humans (Our Bodies)</p>	