



<p>EYFS</p> <p>Personal, Social and Emotional Development</p> <p>ELG: Speaking: Offer explanations for why things might happen, making use of recently introduced vocabulary from stories, non-fiction, rhymes and poems when appropriate. ELG: Managing Self Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices. Understanding the World ELG: People, Culture and Communities Describe the immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps ELG: The Natural World Explore the natural world around them, making observations and drawing pictures of animals and plants Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and</p>
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KS1 National curriculum strands					
<p>Working scientifically</p> <p>-Asking simple questions and recognising that they can be answered in different ways -Observing closely, using simple equipment ----Performing simple tests</p> <p>-Identifying and classifying</p> <p>-Using their observations and ideas to suggest answers to questions</p> <p>-Gathering and recording data to help in answering questions.</p>	Year 1				
	Biology		Chemistry	Physics	
	Animals including Humans	Plants	Everyday materials	Seasonal changes	
	Year 2				
	Biology		Chemistry		
Animals including Humans	Living things and their habitats	Plants	Everyday materials		

Lower KS2 National Curriculum Strands					
<p>Lower KS2 Working Scientifically</p> <p>- asking relevant questions and using different types of scientific enquiries to answer them</p> <p>- Setting up simple practical enquiries, comparative and fair tests</p> <p>- Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers</p> <p>-Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions</p> <p>-Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables</p> <p>-Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions</p> <p>-Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions</p>	Year 3				
	Biology		Chemistry	Physics	
	Animals including Humans	Plants	Rocks	Forces	Light
	Year 4				
	Biology		Chemistry	Physics	
Animals including Humans	Living things and their habitats	States of matter	Electricity	Sound	



Science Skills Progression St Mary's Catholic Primary School



<p>-Identifying differences, similarities or changes related to simple scientific ideas and processes</p> <p>-Using straightforward scientific evidence to answer questions or to support their findings.</p>					
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Upper KS2 National Curriculum Strands					
Upper KS2 Working Scientifically	Year 5				
<p>-Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary</p> <p>-Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate</p> <p>-Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs</p> <p>-Using test results to make predictions to set up further comparative and fair tests</p> <p>-Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations</p> <p>-Identifying scientific evidence that has been used to support or refute ideas or arguments.</p>	Biology		Chemistry	Physics	
	Animals including Humans	Living things and their habitats	Properties and changes in materials	Forces	Earth and space
	Year 6				
	Biology			Physics	
	Animals, including Humans: Circulatory System	Living things and their habitats	Evolution and Inheritance	Electricity	Light