

Powick Science Curriculum – Mapping of the National Curriculum KS2

Key Stage Two						
Subject Content. Key Stage 2 Working Scientifically						
Year 3 and 4						
Pupils should be taught to:						
<ul style="list-style-type: none"> • Ask relevant questions and use different types of scientific enquiries to answer them. • Set up simple practical enquiries, comparative and fair tests. • Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers gathering, recording, classifying and presenting data in a variety of ways to help in answering questions recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables. • Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions. • Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions. • Use straightforward scientific evidence to answer questions or to support their findings. 						
Year 5 and 6						
Pupils should be taught to:						
<ul style="list-style-type: none"> • Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. • Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate. • Record data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs • Use test results to make predictions to set up further comparative and fair tests. • Report and present 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. • Identify scientific evidence that has been used to support or refute ideas or arguments. 						
Year 3	Autumn Term		Spring Term		Summer Term	
	1 st half	2 nd half	1 st half	2 nd half	1 st half	2 nd half
	Rocks	Forces and Magnets	Animals including humans		Plants	Light
Year 4	Living things and their habitats.	Animals including humans.	States of Matter		Sound	Electricity
Key Stage 2 – Y5/6						
	Autumn Term		Spring Term		Summer Term	
Year 5	Earth and Space	Living things and their habitats.	Forces		Properties and changes of materials	Animals including humans.
Year 6	Light	Electricity	Living things and their habitats.	Animals including humans.	Evolution and Inheritance	

