

# BARNSTON PRIMARY SCHOOL MEDIUM TERM PLANNING



**SUBJECT: Science**

**YEAR GROUP: Yr 5 & Yr6. Term 2.**

**YEAR IN CYCLE: 2.**

<b>NATIONAL CURRICULUM</b>	<b>ADDITIONAL SCHOOL CURRICULUM</b>
<p><b>Working scientifically</b></p> <p>During years 5 and 6, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content: planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate; recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs; using test results to make predictions to set up further comparative and fair tests; 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; identifying scientific evidence that has been used to support or refute ideas or arguments.</p> <p><b>Evolution and inheritance</b></p> <p>Pupils should be taught to: recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago; recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents; identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.</p> <p><b>Forces</b></p> <p>Pupils should be taught to: explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object; identify the effects of air resistance, water resistance and friction, that act between moving surfaces; recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</p>	

	<b>ENTERPRISE</b>	<b>SOCIAL, SPIRITUAL, MORAL &amp; CULTURAL</b>
<b>SCHOOL DRIVERS</b>		