**BARNSTON PRIMARY SCHOOL MEDIUM TERM PLANNING**

**SUBJECT: Science YEAR GROUP: Yr3 & Yr 4. Term 3. YEAR IN CYCLE: 2.**

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|  | **NATIONAL CURRICULUM** | **ADDITIONAL SCHOOL CURRICULUM** |
|  | **Working scientifically**  During years 3 and 4, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content: asking relevant questions and using different types of scientific enquiries to answer them; setting up simple practical enquiries, comparative and fair tests; making systematic and careful observations and, where appropriate, taking 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; reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions; using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions; identifying differences, similarities or changes related to simple scientific ideas and processes; using straightforward scientific evidence to answer questions or to support their findings.  **Light**  Pupils should be taught to: recognise that they need light in order to see things and that dark is the absence of light; notice that light is reflected from surfaces  recognise that light from the sun can be dangerous and that there are ways to protect their eyes; recognise that shadows are formed when the light from a light source is blocked by a solid object; find patterns in the way that the size of shadows change. |  |
|  | **ENTERPRISE** | **SOCIAL, SPIRITUAL, MORAL & CULTURAL** |
| **SCHOOL DRIVERS** |  |  |