**BARNSTON PRIMARY SCHOOL MEDIUM TERM PLANNING**

**SUBJECT: Science YEAR GROUP: Yr3 & Yr 4. Term 2. YEAR IN CYCLE: 1.**

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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.  **Rocks**  Pupils should be taught to: compare and group together different kinds of rocks on the basis of their appearance and simple physical properties; describe in simple terms how fossils are formed when things that have lived are trapped within rock; recognise that soils are made from rocks and organic matter. |  |
|  | **ENTERPRISE** | **SOCIAL, SPIRITUAL, MORAL & CULTURAL** |
| **SCHOOL DRIVERS** |  |  |