**SCIENCE**

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| **INTENT** | **IMPLEMENTATION** | **IMPACT** |
| Children learn about a wide range of living things, materials and phenomena so that they can understand the world around them.  Science is taught to help children develop inquisitive minds so as to apply their knowledge through scientific enquiry.  Scientific language and terms are used to communicate ideas and findings, including the use of conventional diagrams, charts and graphs.  Children learn knowledge and facts as relevant to the topics covered. | Science is planned progressively, using the National Curriculum and is taught in every term. Where appropriate, other areas of the curriculum are also linked to the overall theme.  Class Teachers are responsible for the day to day teaching.  Children are taught how to carry out scientific enquiries which enable them to work on their own and with others to solve problems, both inside and outside the classroom. These are undertaken at least once per term.  Children are also taught specific core knowledge and core vocabulary as relevant to the overall topic.  Resources and ICT equipment are easily and equally accessible to all children. | Children are regularly assessed formatively, using the online ‘EAZMAG’ system. Teachers use ‘gap analysis’ to be able to cater for specific scientific needs.  Teachers use specific sessions to inform the assessment of individual key skills in ‘working scientifically’.  A ‘Checkpoint’ is carried out in the Autumn, Spring and Summer terms, whereby a summative assessment is made on EAZMAG, with regards to the ways in which a child can work scientifically. |