

Our Science Curriculum

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| INTENT | At BMPS... | Children will be encouraged and supported to become curious and motivated learners, who are able to develop and apply enquiry skills and their understanding of scientific concepts within a range of different contexts, both independently and collaboratively. | | |
| | In Science.. | All children will be given the opportunity to develop and consolidate their scientific subject knowledge through the 'working scientifically' section of the National Curriculum, by applying key enquiry skills to a range of different scientific concepts. | All children will be given the opportunity to learn and explore using practical and meaningful activities as much as possible, through resources, visitors and educational visits. | All children will be given the opportunity to develop skills from other curriculum areas (such as Maths and English) through meaningful cross-curricular links that enhance children's understanding. |

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| IMPLEMENTATION | Classroom | Enquiry-based activities | Scientific vocabulary | Collaborative and independent work | Recording results | Real life contexts | High level questioning | Challenge and support | Encourage curiosity and exploration | Cross-curricular links |
| | Events | British Science Week | | Guest visitors | | Educational visits | | Real life current events | | |
| | Parental engagement | Curiosity Cafes | | | Class Dojo | | | Parent questionnaires | | |
| | Community | Norwich Science Festival | | | APHS Links | | | Local visitors/businesses | | |
| | Training | STEM training | | Science staff meetings | | Science Subject Leader Network meetings | | Link Governor meetings | | |

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| IMPACT | Great outcomes | Children who have a good understanding of key scientific concepts and are able to build on and apply this understanding as they progress through the school. | | | Children who are curious about the world around them and who are equipped with the skills to develop their own lines of enquiry about a particular concept, through exposure to a range of enquiry-based activities to develop these skills. | | | Children who are able to use their understanding of other topics to support their Science development of skills through meaningful cross-curricular links. | | |
| | Evaluation | Year 6 and Year 2 statutory assessment | Termly teacher assessment | Pupil voice | Subject leader monitoring | Curriculum coverage monitoring | Formative assessment within lessons | Internal moderation | Gaps analysis from assessment grids | |

