

**Kingfisher Primary School**

**Science Rationale**

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Science is an integral area of the curriculum through which we can develop the innate curiosity of children so that they can learn to make sense of the world around them. At Kingfisher, we aim to provide the opportunity for all children to develop scientific attitudes, skills and knowledge. We aim to do this by ensuring lessons are rooted in enquiry, with practical hands-on experiences, which embed references to the real world so that the pupils recognise science around them and how this is an integral part of today’s society.

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| **Intent** | **Implementation** | **Impact** |
| As a school we aim to:   * Teach science in a way that is engaging, education and relevant throughout the school * Have pupils leaving primary school with the right knowledge and investigative schools for the secondary education * Show pupils the relevance of science in their own lives and enable them to imagine future science-related careers * Provide pupils with a strong understanding of the world around them, whilst helping them to think scientifically * Build scientific enquiry skills into each topic and these are revisited and developed throughout their time at school | We aim to ensure that all pupils are provided with:   * Provide opportunities to explore and understand the world we live in * Develop pupils’ enthusiasm, and enjoyment of science * Enable pupils to see the relevance of the subject in their own lives in order to imagine future science-related careers * Create lessons so that they can be enjoyed by all pupils and are rooted in practical and hands-on experiences * Ensure science is eagerly anticipated in a weekly session * Provide learning which is fun, engaging and exciting, whilst teaching the scientific concepts | We believe our pupils will:   * Acquire a love and enjoyment of science * Follow a progressive Science curriculum that meets the needs of all pupils * Develop their ability to think and act scientifically * Have an appreciation of how science has developed over time * Build curiosity about the world around them |