

## Our Science Curriculum

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| <b>Intent</b>        | <p>How science inspires our children</p>                       | <p>At Eardisley, we want every child to develop a genuine curiosity about the natural world. Children regularly tell us how much they enjoy science, especially when they can explore outdoors or investigate real-life questions. Our rural setting allows pupils to learn science in meaningful ways, helping them understand how and why things happen in the world around them. We aim to nurture confident, enthusiastic young scientists who enjoy asking questions and finding answers. Our local environment enriches our curriculum and, wherever possible, we make purposeful use of nearby resources such as visiting the local stream and Millenium Green. These experiences help children see the real-world relevance of science and deepen the joy and wonder it brings.</p>  |    |
| <b>Implementatio</b> | <p>How our teaching and learning is delivered</p>              | <p>Science at Eardisley is hands-on, practical and rooted in real experiences. We use Kapow to support a well-planned, progressive curriculum that builds knowledge and skills over time through a two-year rolling programme.</p> <p>Children investigate science both in the classroom and outdoors. Popular experiences include pond dipping, exploring habitats in our school grounds, and practical investigations that encourage children to test their own ideas. We also work with local high-school science departments or travel further afield to museums such as those in Liverpool or Bewdley helping pupils see how science connects to the wider world.</p> <p>Lessons focus on developing key scientific skills such as observing carefully, measuring accurately, using scientific vocabulary and explaining findings clearly. Cross-curricular links are made naturally, for example when pupils use graphs in science or apply their geography learning about habitats.</p> |   |
| <b>Impact</b>        | <p>How our science curriculum makes a difference to pupils</p> | <p>Our children are proud of their scientific learning and enjoy talking about what they have discovered. As they move through the school, they become increasingly confident in planning investigations, collecting evidence and drawing conclusions.</p> <p>Pupils make meaningful connections between science and everyday life—for example, explaining why chocolate melts in their hands or recognising wildlife they have studied when out walking with their families. Regular assessment helps teachers identify gaps quickly and provide support where needed. By the time they leave Eardisley, children are curious, capable young scientists who are well prepared for the next stage of their education and confident in exploring the world around them.</p>   |  |