



# The Federation of St Mary's Catholic Schools

"I can do all things through Christ who strengthens me" Philippians 4:13



## Understanding the World Curriculum Document

<p><b>INTENT</b></p>	<p>Our intent is to give every child a broad and balanced Science curriculum which enables them to confidently explore and discover what is around them, so that they have a deeper understanding of the world we live in. We want our children to love science. We want them to have no limits to what their ambitions are and grow up wanting to be astronauts, forensic scientists, toxicologists or microbiologists. We want our children to remember their science lessons in our school, to cherish these memories and embrace the scientific opportunities they are presented with! To achieve this, it involves exciting, practical hands on experiences that encourage curiosity and questioning. Our aim is that these stimulating and challenging experiences help every child secure and extend their scientific knowledge and vocabulary, as well as promoting a love and thirst for learning.</p>	
	<p style="text-align: center;"><b>Nursery</b></p>	<p style="text-align: center;"><b>Reception</b></p>
<p><b>The World</b></p>	<ul style="list-style-type: none"> <li>• Use all their senses in hands on exploration of natural materials.</li> <li>• Talk about what they see, using a wide vocabulary</li> <li>• Explore collections of materials with similar and/or different properties.</li> <li>• Explore how things work.</li> <li>• Explore and talk about different forces they can feel</li> <li>• Plant seeds and care for growing plants.</li> <li>• Talk about the differences between materials and changes they notice.</li> </ul>	<p>Understand the key features of the life cycle of a plant and an animal.</p> <p>Reception children will:</p> <ul style="list-style-type: none"> <li>• Understand the effect of changing seasons on the natural world around them.</li> <li>• Explore the natural world around them, making observations and drawing pictures of animals and plants;</li> <li>• Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class</li> <li>• Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</li> </ul>