



# Margaret Wix Primary School

"Excellence, Creativity, Individuality"



## KS1 Science End Points

At Margaret Wix Primary School, we strive for all pupils to develop enthusiasm for learning so that they are fully engaged in Science and acquire the knowledge and skills that they will require to be successful both now, and in the future. Below are the end points that our curriculum is building towards; our school's curriculum is planned and sequenced so that knowledge and skills build on what has been taught before, enabling pupils to work towards these clearly defined end points.

Cultural capital	<p>Pupils will be able to:</p> <ul style="list-style-type: none"><li>• Be inquisitive about the world around them by allowing time for exploration and questions</li><li>• Build experiences and knowledge by immersing in the world around them</li><li>• Bringing science to life through real life experiences</li><li>• Planning and participating in a week in the school year, dedicated solely to Science</li><li>• Using the allotment to understand and explore growing and change over time</li><li>• Studies of famous scientists</li><li>• Use aspirations day to promote Science as a career path</li></ul>
Working Scientifically	<p>Pupils will be able to:</p> <ul style="list-style-type: none"><li>• Ask their own questions about what they notice</li><li>• Use different types of scientific enquiry to gather and record data, using simple equipment where appropriate, to answer questions:<ul style="list-style-type: none"><li>• Observing changes over time</li><li>• Noticing patterns</li><li>• Grouping and classifying things</li><li>• Carrying out simple comparative tests</li><li>• Finding things out using secondary sources of information</li><li>• Communicate their ideas, what they do and what they find out in a variety of ways</li></ul></li></ul>
Plants	<p>Pupils will be able to:</p> <ul style="list-style-type: none"><li>• Describe the basic needs of plants for survival and the impact of changing these and the main changes as seeds and bulbs grow into mature plants</li></ul>
Animals including Humans	<p>Pupils will be able to:</p> <ul style="list-style-type: none"><li>• Name and locate parts of the human body, including those related to the senses and describe the importance of exercise, a balanced diet and hygiene for humans</li><li>• Describe and compare the observable features of animals from a range of groups</li><li>• Describe the basic needs of animals for survival and the main</li></ul>

	<p>changes as young animals, including humans, grow into adults</p> <ul style="list-style-type: none"> <li>• Group animals according to what they eat, describe how animals get their food from other animals and/or from plants, and use simple food chains to describe these relationships</li> </ul>
Materials	<p>Pupils will be able to:</p> <ul style="list-style-type: none"> <li>• Distinguish objects from materials, describe their properties, identify and group everyday materials and compare their suitability for different uses</li> </ul>
Seasonal changes	<p>Pupils will be able to:</p> <ul style="list-style-type: none"> <li>• Describe seasonal changes</li> </ul>
Living things and their habitats	<p>Pupils will be able to:</p> <ul style="list-style-type: none"> <li>• Identify whether things are alive, dead or have never lived</li> <li>• Name different plants and animals and describe how they are suited to different habitats</li> </ul>