



# Spooner Row Primary School

Believe  
Achieve  
Succeed

## SCHOOL INTENT

To be recognised as a happy, safe, high-performing school, making maximum use of all its resources to develop the talents and aspirations of all pupils, fostering self-reliance, confidence and discipline in order to equip them for the changing world of the 21st Century.

## SCIENCE VISION/INTENT

Our vision is to ignite all children's natural curiosity about the world around them, to inspire them through a practical and enjoyable curriculum and through a rich range of extra scientific experiences. We believe that these opportunities will ensure that our children are confident, life-long learners who will explore science around them.

## IMPLEMENTATION

<u>Curriculum</u>	<u>Additional Activities</u>
<p><u>EYFS</u> Children start to gain the <b>science</b> knowledge that they'll build on throughout their primary school years, such as developing their skills of observation, prediction, critical thinking and discussion. A lot of the early years outcomes for Science are taken from the areas of: Physical Learning (Health and Self Care) Understanding the World (The World) Expressive Arts and Design (Exploring using Media and Materials)</p> <p><u>KS1</u> Working Scientifically (this runs through all topics as well as extra activities) Plants, Seasonal Changes, Everyday Materials and Use of Everyday Materials, Animals including Humans, Living Things and Habitats</p> <p><u>LKS2</u> Working Scientifically (this runs through all topics as well as extra activities) States of Matter, Animals including humans, Living things and Habitats, Rocks, Forces/Magnets, Electricity, Light/Sound, Plants</p> <p><u>UKS2</u> Working Scientifically (this runs through all topics as well as extra activities) Properties and changes of materials, Electricity, Light, Living things and habitats, Animals including humans, Earth and Space, Evolution and Inheritance, Forces</p> <p>Using Science as a cross curricular link.</p>	<ul style="list-style-type: none"> <li>• <u>Science Week</u> This usually includes assemblies by outside visitors, whole school mixed aged activities (sometimes in 'Houses'), a science 'fun' afternoon and other activities in class linked to the theme that year.</li> <li>• <u>Science 'fun' afternoons</u> At least once a term (half-termly where possible). A whole afternoon in each class doing a range of practical activities which are not necessarily related to the Science topics for that year group. Lots of opportunities for Scientific enquiry.</li> <li>• <u>Science visits for each class</u> 2018-19 Year 5/6 Science Show at Theatre and Genomes workshop at High School. Year 3/4 Science morning at High school, Year 1/2 trip to Pensthorpe, Reception to Dinosaur Park.</li> <li>• <u>Links with Wymondham High</u> Our local high school often includes us in Science activities, have helped deliver Year 5/6 lessons and offer resources to help teach our curriculum. We are currently part of their STEM Enthuse partnership, which also offers support to our teachers and CPD opportunities.</li> <li>• <u>Gardening Club</u></li> <li>• <u>Circle Groups</u> - covers aspects of Science where appropriate eg Science week</li> </ul>

