

# Curriculum Implementation

Science	
<p><i>“Most people say that it is intellect that makes a great scientist. They are wrong: it is character.” – Albert Einstein</i></p>	
<p><b>Why should children learn this subject?</b></p>	<p>Science helps children to develop key life skills, including an ability to communicate, remain organised, focused and form their own opinions based on observations.</p> <p>Children are hands-on learners and Science gives them the opportunity to explore the world around them and to build their knowledge and understanding of the world. It promotes and encourages children’s natural curiosity.</p> <p>Science is such a large part of modern life, including technology, conservation and climate. Strong Science education will ensure that future generations have the tools required to shape their world.</p>
<p><b>What will children learn to do in this subject?</b></p>	<p>At Brackenwood Junior School, children will:</p> <ul style="list-style-type: none"> <li>• Acquire biology knowledge including animals including humans, plants, living things and their habitats and evolution.</li> <li>• Acquire chemistry knowledge including materials and the Earth.</li> <li>• Acquire physics knowledge including forces and motion, light, sound, magnetism, electricity, Earth and space and energy.</li> <li>• Develop working scientifically skills including planning, prediction, investigating, observing, recording, analysing and evaluating. The expectations of these skills will progress throughout the key stages.</li> </ul>
<p><b>How will we inspire them?</b></p>	<ul style="list-style-type: none"> <li>• Hosting an engaging whole-school Science Week.</li> <li>• Providing children with the opportunity to meet various members of the STEM community.</li> <li>• Providing children with the opportunity to take part in Science workshops throughout the year.</li> <li>• Finding opportunities for children to ask and answer their own questions about the world.</li> <li>• Providing children with opportunities to attend trips related to STEM i.e. Chester Zoo.</li> <li>• Having strong links with Wirral Grammar School for Girls and their Science department.</li> </ul>
<p><b>Local and Cultural Links</b></p>	<ul style="list-style-type: none"> <li>• Chester Zoo</li> <li>• Wirral Grammar School for Girls</li> <li>• Knowsley Safari Park</li> <li>• Eco team</li> <li>• Gardening Club</li> <li>• Poly-tunnel</li> <li>• Careers Carousel</li> </ul>