














# Are you switched on?

## Year Three Curriculum Information Terms Three and Four

### Exciting Events

- 'Wow Days': Thursday 7<sup>th</sup> January (sound) and Thursday 25<sup>th</sup> January (electricity).
- Expert Science workshops delivered through Worle Community School.
- Learning Theme exhibition of DT light-up houses and science learning.

<p style="text-align: center;"><b>English</b></p> <p><b>Reading:</b> weekly reading comprehension, 'Reading Detectives' to improve inference skills and guided reading. Home reading: Author of the Term (term 3) and non-fiction reading (term 4).</p> <p><b>Writing:</b> learning to plan and draft write, proof-read and edit and publish our writing.</p> <p><b>Poetry:</b> shape poetry and calligrams (science and sound)</p> <p><b>Narrative:</b> 'The Dark' by Lemony Snicket and 'Leon and the Place Between'.</p> <p><b>Non-fiction:</b> instructions (how to construct a circuit), non-chronological report (animals and echolocation), biography (famous scientists), explanation (scientific invention).</p> <p><b>SPaG:</b> securing punctuation (., ! ? " "), writing compound sentences with a variety of connectives, understanding and using adverbs, introducing a range of sentence openers. Weekly spelling activities linked with handwriting.</p>	<p style="text-align: center;"><b>Maths</b></p> <p><b>Number:</b> counting in multiples of 4, 8, 50 and 100, compare and order number, solving number problems, add and subtract numbers with up to 3 digits using written methods, times tables (2, 3, 4, 5, 10).</p> <p><b>Fractions:</b> compares and order simple fractions, recognise and show equivalent fractions, find and write fractions of a set of objects.</p> <p><b>Measurement:</b> measure, add and subtract length, mass and volume, recognise the value of coins, add and subtract £ and p.</p> <p><b>Statistics:</b> Interpret and present data using bar, charts, pictograms and tables</p> 			
<p style="text-align: center;"><b>Science</b></p> <table border="0" style="width: 100%;"> <tr> <td data-bbox="113 913 526 1267"> <p><b>Sound</b></p>  <ul style="list-style-type: none"> <li>- Understand that sounds are made when objects vibrate and that sounds travel through solids, liquids and gases.</li> <li>- Understand how well sound travels through different materials and discover how instruments make sounds.</li> <li>- Investigate soundproofing and pitch and loudness.</li> </ul> </td> <td data-bbox="526 913 1037 1267"> <p><b>Light</b></p>  <ul style="list-style-type: none"> <li>- Identify light sources and discuss the importance of the Sun.</li> <li>- Establish that light is reflected off things that we see and that darkness is an absence of light.</li> <li>- Look at the transparency of various materials and the shadows they form.</li> <li>- Carry out an enquiry about shadows.</li> </ul> </td> <td data-bbox="1037 913 1479 1267"> <p><b>Electricity</b></p>  <ul style="list-style-type: none"> <li>- Construct and draw simple circuits.</li> <li>- Find which materials are the best electrical conductors and use this information to make switches.</li> <li>- Investigate what happens to a bulb's brightness when circuits are changed.</li> <li>- Research famous scientists.</li> </ul> </td> </tr> </table>		<p><b>Sound</b></p>  <ul style="list-style-type: none"> <li>- Understand that sounds are made when objects vibrate and that sounds travel through solids, liquids and gases.</li> <li>- Understand how well sound travels through different materials and discover how instruments make sounds.</li> <li>- Investigate soundproofing and pitch and loudness.</li> </ul>	<p><b>Light</b></p>  <ul style="list-style-type: none"> <li>- Identify light sources and discuss the importance of the Sun.</li> <li>- Establish that light is reflected off things that we see and that darkness is an absence of light.</li> <li>- Look at the transparency of various materials and the shadows they form.</li> <li>- Carry out an enquiry about shadows.</li> </ul>	<p><b>Electricity</b></p>  <ul style="list-style-type: none"> <li>- Construct and draw simple circuits.</li> <li>- Find which materials are the best electrical conductors and use this information to make switches.</li> <li>- Investigate what happens to a bulb's brightness when circuits are changed.</li> <li>- Research famous scientists.</li> </ul>
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<p style="text-align: center;"><b>Computing</b></p> <ul style="list-style-type: none"> <li>• <b>Programming:</b> <ul style="list-style-type: none"> <li>- Plan and sequence instructions on a robot to make it achieve a specific outcome.</li> <li>- Understand and use simple algorithms.</li> <li>- Test a program and be able to debug it.</li> </ul> </li> <li>• <b>e-Safety:</b> <ul style="list-style-type: none"> <li>- Being safe in an online community.</li> <li>- Looking at product websites and understanding the methods used to promote products on these sites.</li> </ul> </li> </ul>	<p style="text-align: center;"><b>Music</b></p> <ul style="list-style-type: none"> <li>• To improvise and compose music using the iPad app Loopsequelite.</li> <li>• To appreciate and understand a range of music from great composers and musicians by listening to ten pieces of classical music from the BBC Tern Pieces project.</li> <li>• To understand musical terminology: pitch, duration volume, tempo, timbre, texture.</li> </ul>			
<p style="text-align: center;"><b>Design and Technology</b></p> <ul style="list-style-type: none"> <li>• Design, make and evaluate a shell structure in the form of a model house.</li> <li>• Develop skills in strengthening and stiffening to reinforce structures.</li> <li>• Design, make and evaluate a simple circuit and switch to light up a model house.</li> <li>• Understand and use an electrical system in a product.</li> </ul>	<p style="text-align: center;"><b>Art</b></p> <ul style="list-style-type: none"> <li>- Use paint to create a piece of soundwave art.</li> <li>- Develop drawing skills through use of light and shade to create a woodland picture.</li> <li>- Photography workshop.</li> </ul> 			
<p style="text-align: center;"><b>R.E. (Religious Education)</b></p> <ul style="list-style-type: none"> <li>• Christianity: Jesus' Miracles</li> <li>• Christianity: Easter and Forgiveness</li> <li>• Year 3 Family Worship</li> </ul> 	<p style="text-align: center;"><b>PHSE (Personal Health and Social Education)</b></p> <ul style="list-style-type: none"> <li>• Going for Goals</li> <li>• Keeping Healthy</li> <li>• Good to be Me</li> <li>• Drug Education</li> </ul> 	<p style="text-align: center;"><b>P.E. (Physical Education)</b></p> <ul style="list-style-type: none"> <li>• Swimming</li> <li>• Dance: creating characters and exploring narrative.</li> <li>• Gymnastics: linking movements and travelling.</li> </ul> 