



UPPER SCHOOL (Year 5) – Spring 1



PROJECT: Socket to 'em!

<p>LEARNING VALUE: Collaboration</p>	<p>HOOK: Year 5 children will design and make a burglar alarm that will have a pressure-pad detection system. They will present their designs at the end of the project. Electricity is a set topic for Year 5, and we aim to ensure a strong grasp of how electrical circuits work and impact on our every day life.</p>	
<p>IMPORTANT DATES Wednesday 3rd January - School opens at 8.50 a.m. for Spring Term</p>		<p>HOMEWORK: weekly maths and spellings – both due/tested on a Friday. Please practise any times tables that are wrong on back of sheet; ask your child about 'I know...so...'.</p>
<p>TOPIC SCIENCE: Our focus for this term is electricity and circuits. The children will design and test a range of circuits that are used in everyday life. We will then apply our knowledge to building/designing our own circuit to fulfil the brief set by 'The Police Force'.</p> <p>PSCHE: We will be learning about the effects of smoking and how to deal with peer pressure.</p>		<p>STAYING SAFE</p> <p>ICT: We will learn all about how to stay safe on the internet.</p> <p>SCIENCE: We will look at how to handle electrical devices safely (especially plug sockets, not overloading them and mobile phone chargers).</p>
<p>MATHS: This term we will be incorporating reasoning into our number and calculation work, applying our skills in a range of ways to ensure that we understand the process and the reasoning behind the methods. We are also looking at money problems involving change so if you are out shopping please ask your child what your change should be. It would be also useful to role-play 'shop keeping' at home.</p>	<p>LITERACY: Our main focus this term will be on developing our non-fiction style of writing, particularly explanations and detailed analysis of experiments in science. We will also look at some fictional texts that link with our reading skills –continuing to focus on explaining the language choices of the author.</p>	<p>RE: Our first area of learning after the Christmas break is 'Epiphany' where we will reflect on the significance of the '3 kings'. We will then move on to 'Revelation', where will focus on the ways that God reveals himself and how Jesus was revealed as his son!</p>