

## TRAFALGAR INFANT SCHOOL

### Y2 - Curriculum Information – Materials and Electricity (Autumn term 2)

<u>Science: Materials and Electricity</u>	<u>Literacy</u>	<u>Maths</u>	<u>Other Curriculum Areas</u>
<p>Our <u>topic</u> this half term is Materials and Electricity. We will be developing the children's knowledge of materials and their properties. We will also learn how electricity works and distinguish between stored and mains electricity. We will focus on:</p> <ul style="list-style-type: none"><li>• The properties of different materials and their uses.</li><li>• Everyday appliances that use electricity</li><li>• The dangers of electricity and the safe use of appliances.</li><li>• Simple series circuits involving batteries, wires and bulbs.</li></ul> <p>See e-school for useful links and a forum about our topic.</p>	<p>We will be focusing our writing around the text 'The Lighthouse Keeper's Lunch' and lighthouses in general. Activities will include:</p> <ul style="list-style-type: none"><li>• Sequencing and setting out simple and more complex instructions.</li><li>• Re-telling a story from different point of views.</li><li>• Generating descriptive language to write poetry and accounts based on the theme of lighthouses and stormy weather.</li></ul> <p><b><u>SPAG</u></b></p> <p>We will be continuing to work on different types of words (eg. verbs, nouns, adjectives and adverbs) and different types of sentences and apostrophes.</p> <p>Please continue to hear your child read daily and practise their spelling homework for our weekly test on a Monday.</p>	<p>This half term we will be introducing the early concepts of multiplication and division through practical activities, and by teaching strategies of repeated addition for multiplication and grouping for division.</p> <p><u>Multiplication</u> <math>3 \times 2 = 6</math> <math>2+2+2= 6</math></p> <p><u>Division</u> <math>16 \div 4 = 4</math> How many groups of 4 in 16?</p> <p>We will also be learning about fractions and recognising fractions of shapes.</p> <p>Please feel free to borrow the maths games in the corridor by the hall. Maths homework will be sent home every Friday to be returned the following Friday.</p>	<ul style="list-style-type: none"><li>• <b>Geography</b> – learning about sources of electrical power including clean alternatives e.g. wind power, solar power, wave power.</li><li>• <b>History</b> – finding out about the work of Thomas Edison and thinking about how life was different before electricity. Learning about Grace Darling and her role in maritime safety.</li><li>• <b>ICT</b> – creating an animated lighthouse scene using <i>Jit</i> animation software and developing e-safety skills</li><li>• <b>RE</b> – learning about different festivals and celebrations.</li><li>• <b>PE</b> – Scarlet class will be having swimming lessons this term. Continued focus on team games and starting dance.</li><li>• <b>Music</b> - Continuing with pitch and rhythm development. Practising our Christmas production.</li><li>• <b>Art</b> – Making paper sculpture fireworks. Close observational drawings of electrical appliances. Christmas themed art work.</li><li>• <b>PHSE</b> – circle time activities on theme of friendships and what makes us and other people special.</li></ul>

**What you can do to help:** Talk to your child about the uses of electricity in the home and being aware of the dangers of the improper use of electrical appliances. The children would also benefit from any parent with specific expertise in electricity and who would be willing to come in to school and talk to the children. If you are able to do this, please let your class teacher know. Encourage your child to access the e-school and explore the many resources available as well as Bug Club and ABACUS.