

Curriculum Overview for Year 3 & 4 – Let There Be Light

<p>English</p> <p>Write a sequel to Dr Seuss. 'What Was I Scared Of?' What is a homonym? Create a version of 'The Lighthouse Keeper's Lunch' to share with EYFS How does Shakespeare use light in his plays and sonnets?</p>	<p>Oracy</p> <p>The world would be better without electricity: Discuss Which renewable energy is the best for the environment? Light or dark? Night or day? Which has been the most important scientific discovery? Explain reasons</p>	<p>Art & Design</p> <p>Why was Claude Monet called the painter of light? How important is light with photography? What is the story behind Vincent Van Gogh's 'Starry Night'? Can you create a stained glass window?</p>	<p>ICT</p> <p>How does a laser light read a bar code? Can you create a Wix website about electricity? Use stop frame animation to retell the story of Frankenstein's Monster. Use Scratch to code an electrical circuit</p>
<p>When we are going to school, what is the time in Australia? How can we use the sun to tell the time? How fast does light travel? How do we know? How far away is the sun? How can we calculate this? Can we convert distances from as small as a mm to as far as a light year?</p>	<p>Mathematics</p> <p>What do we notice if we measure shadows through the day How much does it cost to run a lightbulb for an hour, a day and a week? How do scientists use maths?</p>	<p>Design & Technology</p> <p>Up Periscope! How does a periscope work? Design an environmentally friendly way to produce electricity. How do you create a shadow puppet show? Create a life changing invention.</p>	<p>Geography</p> <p>Would we have tides without the moon? What are the 'Northern Lights' Compare and contrast Aurora Borealis + Aurora Australis. What country has the longest day and the longest night?</p>
<p>Science</p> <p>Where does electricity come from? Can you create an unbreakable electrical circuit? Why are some animals nocturnal? Glow worms – how do they glow? Is there more light or dark in the universe? Who are the most famous scientists alive today?</p>	<p>History</p> <p>When was the lightbulb invented. What was its impact on life? What is the history of lighthouses on the Isle of Wight, how has there use changed? What is the evolution of light? What were some of the ancient gods linked with light? How old is astronomy?</p>	<p>Gender Equality</p> <p>Are men better scientists than women? Which women journeyed to the North and South poles? Who stole that idea? Why did men often steal inventions from females inventors?</p>	<p>Music</p> <p>Year 4 Guitars How does music make us feel – listen to classical music linked with light Learn and perform a class song linked with light. Who are the Electric Light Orchestra?</p>
		<p>Physical Education</p> <p>Swimming Year 3 Golden Mile Daily. Year 4 Basketball, Netball Handball Gymnastics</p>	<p>Religious Education/PSHE</p> <p>Let there be Light – How do different religions view the story of creation? What is the importance of light in different religions? What does a light or dark mood feel like?</p>

