

**Year group:** Pre-secondary

**Topic:** Eureka!

**Autumn 1**

Choose one task to be completed and handed in each Friday. **(Remember neat presentation for all homework)**

Read every night and record in your reading journal.

Spellings will be given on a Wednesday to be learnt – test on the following Wednesday.

Pre-secondary: **CGP books MUST be completed and handed in (check your homework diary).**

<b>English: Speaking, listening, reading and writing</b>	<b>STEM (science, technology, engineering and mathematics)</b>	<b>Creative</b>	<b>Other (including visits)</b>
<p><b>Write a poem, rap or song about light.</b> Can you make it rhyme?!</p>	<p><b>Draw a diagram of a light bulb and label all the different parts.</b>  How do lightbulbs work? What is different about an LED lightbulb?</p>	<p><b>Create a presentation (on the computer or A3 paper) which includes pictures of famous illuminations around the world.</b>  Label the pictures with the name, artist and location.</p>	<p><b>Research Charles Dickens.</b>  Which stories did he write? Why is he famous? What is his legacy?  Present the information you find out so it can be shared with others.</p>
<p><b>Write a story with a moral about the importance of telling the truth.</b>  Make sure it has a clear beginning, problem and end.</p>	<p><b>Research and inventor who created a machine in the 1800s.</b>  How has this machine changed how we live today? What effect has it had on industries?</p>	<p><b>Design a futuristic house which has light, but no light bulbs.</b>  Is there just one source of light or many different sources?</p>	<p><b>Visit one of London's museums to find out more information about the history of our country.</b>  Bring in a photo or picture of you there to show your teacher. <a href="https://www.museumoflondon.org.uk/museum-london">https://www.museumoflondon.org.uk/museum-london</a> <a href="http://www.britishmuseum.org/">http://www.britishmuseum.org/</a> <a href="https://www.bl.uk/victorian-britain">https://www.bl.uk/victorian-britain</a></p>

<p><b>Write a review of your favourite book.</b></p> <p>Why do you like it? Can you summarise the plot? Who would you recommend it to and why? Is it similar to any other stories you've read?</p>	<p><b>Design your own machine.</b></p> <p>Write a paragraph describing it.</p> <p>What is it for? What can it do? How does it work? Who does it help?</p>	<p><b>Create your own kaleidoscope.</b></p> <p><a href="https://learning-center.homesciencetools.com/article/how-to-make-a-kaleidoscope-science-project/">https://learning-center.homesciencetools.com/article/how-to-make-a-kaleidoscope-science-project/</a></p>	<p><b>Research the development of light.</b></p> <p>Create a timeline explaining how lights in peoples' homes have changed over the years.</p>
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