

Year 6 Topic Grid for Spring 1: Lighthouses and circuits



Select **at least** one activity to complete each week. It would be great if you challenged yourself to complete more than this. Remember to take photos / videos and send these to us.

<p>Complete the word puzzle page attached.</p>	<p>Research then draw a diagram of a circuit. Label the different parts. Can you now find the scientific symbols for each component?</p>	<p>Create an acrostic poem, where the first letter of each line links to a word that links to the topic eg light lighthouse circuit electricity . Luminous brightness In the dark it shines Glowing, flickering, showing the way. Heat is often generated The source can be natural or man made.</p>
<p>https://www.nls.uk/learning-zone/creativity/families/lighthouses Look at the webpage above and complete some of the activities based on Ralph the Rover and Grace Darling.</p>	<p>Research lighthouses around the country / world and create an information leaflet / poster / powerpoint about them.</p>	<p>Complete the electrical circuits quiz. https://www.educationquizzes.com/ks2/science/electrical-circuits/</p>
<p>Find out about the English Artist JMW Turner and write an information page about him. Draw or paint a picture of a light house. Have a go at drawing or painting in the style of this painter.</p>	<p>Find or write a poem about electricity, light or lighthouses. Remember to practice first. Think about expression, volume, being clear and even adding actions. We would love for you to record this, so we can watch!</p>	<p>Find and record sources of light that you come across. Is the power source from the mains, a battery or a natural source?</p>

Word Puzzles

Find the different topic related words in the wordsearch.

Electrical Circuits

BATTERY
BRIGHTER
BULB
CHEMICALS
CIRCUITS
CLOSED
CONDUCTORS
CONNECT
CONNECTED
COPPER
ELECTRIC
ELECTRICITY
ENERGY
EQUIPMENT
FILAMENT
NEGATIVE
OPEN
POLES
POSITIVE
SOCKET
SWITCH
SWITCH
SYSTEMS
WIRES

T Q W I R E S F S O C K E T A E D L S G
F K M F X U D T L P S U T D A E A E G H
H W M A X I E L A Q E S Q D T M V M F B
E J K V P O O L C L F E M C B I J H Z T
J Q D N P C O H I B P P E E T L V C U I
Y G R E N E U O M K J N N A T O Q T E X
V O Q P K Q L W E A N E G J T S W I N K
K Q I Q Q U G E H O P E Q B P I Y W D X
X Y F M Y I U R C O N D U C T O R S S B
F S E L O P O S I T I V E V J W L L Q F
T T E A V M U B R B R I G H T E R P I K
D B L U B E X J C A F I L A M E N T C I
D K W I M N I J U T J R C O P P E R O V
W P Y F P T A B I T Y D L I U L O T I L
Z C E O I R P H T E X I O S T X M P H X
I Z Y H I X G Y S R N T S V C Y G R N Y
D H H G B F I I P Y P M E C E H C L L Y
T R M M J E C V U O O I D N S Q T J Q L
R Q C N J W D A R Z F C N K F K F B U S
A X Y R S A O P Q D M O A O O C F N K S

How many small words can you find within **'lighthouses'**.

Now try the same within **'electricity'**.

Can you unscramble these words?

TCITEEYCLR

HBLUGBLIT

URSOCE

TICUCIR

HLOGUHSET

electricity circuit lightbulb lighthouse source