

Year 6 Electricity

Term: Spring 1

Text: Goodnight Mr Tom by Michelle Magorian, My Secret War Diary, by Marcia Williams, Carrie's War by Nina Bawden

Prime question: Who is Lewis Latimer and why is he important?

Subsidiary questions:

1. What is electricity?
2. How can you change the direction and brightness of a beam of light?
3. How is electricity generated?
4. What are conductors and insulators?
5. What is power?
6. How can we use our knowledge of electrical circuits to design and make a set of traffic lights?
7. What is a periscope?
8. How were periscopes used in WW2?
9. Explain how Clarice Cliff & Abram Games uses light and dark to create portraits?

Science - Electricity

- Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- Use recognised symbols when representing a simple circuit in a diagram.

Geography

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History

- A study over time tracing how several aspects of national history are reflected in the locality (e.g. The events leading up to the start of WW2, the changing lives of men, women and children during the WW2, Victory Celebrations in Croydon)
<https://www.bbc.co.uk/cbbc/curations/horrible-histories-songs>

Art

- Pupils should be taught to develop their techniques, including their control and their use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design.
- Pupils should be taught about great artists, architects and designers in history (Clarice Cliff & Abram Games- War time persuasive posters)

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Music (singing War time songs)

Pupils should be taught to:

- Sing and play musically with increasing confidence and control. They should develop an understanding of musical composition, organising and manipulating ideas within musical structures and reproducing sounds from aural memory.
- Listen with attention to detail and recall sounds with increasing aural memory
- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians
<https://www.bbc.co.uk/cbbc/curations/horrible-histories-songs>

Computing

We are market researchers

- Select, use and combine a variety of software (including the internet services) on a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour, identify a range of ways to report concerns about content and contact.