# Science - Circuits, batteries and switches.

- Describe the function of key electrical components and explain how the models used in the lesson represent these.
- Correctly predict if an electrical circuit will work or not, explaining why using their knowledge of complete loops, power sources and presence of components.
- Describe the relationship between the number of bulbs in a circuit, the bulb brightness and the amount of resistance.
- Explain that increasing the number of components increases the resistance, affecting the flow of current and energy transferred.
- Identify those batteries are a voltage source; they come in different voltages, affecting bulb brightness.
- Describe that voltage can be changed using different numbers of cells in a circuit and that more cells or a higher voltage causes brighter bulbs.
- Use the relationship between voltage and bulbs to predict what will happen with buzzers and motors.
- Build an electrical circuit with a switch to control its function, explain how the switch and the electrical circuit solve the problem and recall different examples of problems that can be solved using an electrical circuit.

# Working Scientifically

- Draw circuit diagrams with straight lines and using standard circuit symbols.
- Design a results table with an appropriate number of columns and headings with units.
- Identify the changed, measured and control variables in an enguiry to plan a method.

### Music - Film music

- Sing in time and in tune with other people and the backing track.
- Remember the lyrics to a song.
- Identify the structure of a piece of music and match this to non-standard notation.
- Improvise their own piece of music.
- Play a melody with reasonable accuracy.
- Perform with confidence and in time with others.
- Compose and play a melody using stave notation.
- Contribute meaningfully to the group performance and composition. •
- Use hieroglyphic notation to show the structure of their piece.

# Literacy:

- Class book I am malala
- Biography- Adverbials of time, place and sequence. Devices to build cohesion within a paragraph (for example, then, after.) Determiners. Brackets, dashes and commas.
- Tanka Poem
  - Planning/Drafting/Editing/Presentation/ Evaluating/Justifying/Grammar (active/passive/synonym/antonym/hyphe n/semi-

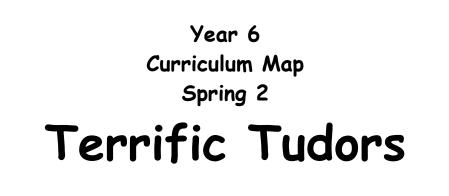
colon/colon/ellipsis/subject/object and different clause types).

# RE

Theme: Believing

Key Qs: How significant is it for Christians to believe that God intended Jesus to die?

**Religions:** - Christianity



# **PSHCE-Jigsaw**

Healthy me

### Art & Design

- Outline a portrait drawing with words, varying • the size, shape and placement of words to create interest.
- Try a variety of materials and compositions for • the backgrounds of their drawings.
- Communicate to their partner what kind of • photo portrait they want.
- Show that they are making decisions about the position of a drawing on their background, trying multiple ideas.
- Create a successful print.
- Use some Art vocabulary to talk about and compare portraits.
- Identify key facts using a website as a reference.
- Explain their opinion of an artwork. •
- Experiment with materials and techniques • when adapting their photo portraits.
- Create a self-portrait that aims to represent something about them.
- Show they have considered the effect created • by their choice of materials and composition in their final piece.

## History

a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066.

- Children will understand that the conflict between the houses of York and Lancaster resulted in the Battle of Bosworth in 1485 and that this conflict is referred to as 'The Wars of the Roses
- Children will know that Henry VIII became King in 1509 after the death of his father
- Children will know that Henry VIII's divorce from Catherine of Aragon and marriage to Anne Boleyn led to the start of the Church of England and the Act of Supremacy
- Children will know that the dissolution of the monasteries between 1536 and 1541 was a political strategy implemented by Henry VIII to strengthen the power of the Church of England
- Children will know that Edward VI became King after his father's death in 1547.
- Children will know that Protestantism became even more established under Edward VI's reign
- Children will know that when Edward VI died in 1553 there was a succession crisis as Mary and Elizabeth had been declared illegitimate
- Children will know that Mary I became the first Queen Regent of England in 1553

#### PE - Outdoor & adventurous activities

- I can navigate using more complex coordinates map
- I can create longer, more complex trails and challenges for others to follow
- I can show a more developed understanding of coordinates and compass points
- I can work with others to complete more complex physical tasks
- I can collaborate well with others, and allow others to contribute
- I am developing my leadership skills through communication both talking and listening to others