

Spring Term 2 2017

6 weeks

**Connected Curriculum
Sparks Might Fly**

Subject Areas

Science

Electricity

Children will:

- Identify common appliances that run on electricity
- Construct a simple series circuit, identifying and naming its basic parts
- Identify whether or not a lamp will light in a simple series circuit
- Recognise that a switch opens and closes and circuit
- Recognise some common conductors and insulators
- Know that electricity can be dangerous
- Recognise electricity sources can be mains or battery
- Know that batteries 'push' electricity round a circuit
- Recognise that faults in circuits can be found by testing connections
- Know that drawings, photographs and diagrams can be used to represent circuits

Computing

Children will use Scratch to create a game using the webcam of the computer as an input. This game will entail the children popping the bubbles using movements from the camera. Children will use the different blocks from scratch such as repetition and the variable blocks to ensure this works effectively. Children will also use the crocodile clips app to create their own circuits.

Music

Children will explore a range of instruments and sounds pertaining to the topic of electricity. They will recreate/represent sounds of thunder/lightening and explore sounds made by electronic devices. Use of an app on the ipads will allow children to create a short electronic composition.

PSHE

Pupils will understand emotions and feelings and begin to understand that sometimes we have difficult emotions and feelings to manage. We will discuss managing feelings and looking for triggers to warn before the 'sparks fly'. We will use the book 'A Volcano in my tummy' as a starting point.

English

Fantasy - We will be reading 'The Firework Maker's Daughter' by Phillip Pullman. Children will regularly listen to the novel being read aloud. They will identify, discuss and collect effective words and phrases which capture the reader's interest and imagination. Children will make predictions based on information stated and implied. We will be producing writing from the point of view of different characters to deepen understanding of the text. At the end of the unit children will write their own narrative

based on a plot inspired by the novel.

Film and Playscript - Children will be listening to and discussing a range of plays. They will analyse and evaluate texts looking at language, structure and presentation. Children will read play scripts and discuss what characters are thinking and feeling. They will then work on using appropriate intonation and expression when performing a script. By the end of this unit children will be writing their own play scripts based on a film narrative.

SPAG - This term we will be focussing on creating sentences with fronted adverbials for when e.g. As the clock struck twelve, the soldiers sprang into action. We will be using inverted commas and other punctuation to indicate direct speech. Children will also be exploring noun phrases e.g. The crumbly cookie with tasty marshmallow pieces melted in my mouth.

Cross-curricular writing: Children will have different writing opportunities linked to our RE unit including writing a job description for a trustworthy person and rewriting parts of the Easter story. In science we will be producing leaflets about the dangers of electricity which will be shared with other children in school.

Maths

- Week 1 - Place value and Position and Direction
- Week 2 - 2-D and 3-D shape including angles
- Week 3 - Calculations in the context of statistics
- Week 4 - Multiplication and Division
- Week 5 - Fractions
- Week 6 - Time

Cross-curricular Mathematics: When researching energy use and how we can reduce the use of electricity to save our planet, children can compare data presented in different ways and look at the impact of switching off lights when not in the room, cutting the amount of time watching television down by a given amount etc.

Religious Education

Unit 4.4 Exploring Easter as a story of Betrayal and Trust

The aim of this unit is to give children the opportunity to reflect upon the importance of power and effect of betrayal, trust and forgiveness. Using the Easter story, children will identify and explain the significance of the incidents of betrayal and trust. By becoming more familiar with the finer details of the Easter story, children will develop their religious vocabulary. They will discuss the importance of forgiveness in Christianity.

Physical Education

Dance

Pupils will develop flexibility, strength, technique, control and balance. They will compare their performances with previous ones and demonstrate improvement to achieve their personal best.