

What lights up the big top?



**Derry Hill C of E
Primary School**

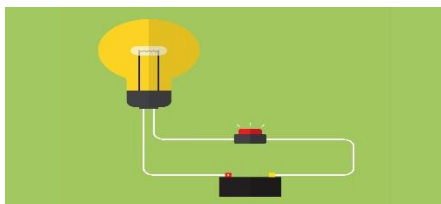
**Year : 4
Autumn Term 1
2022**

National Curriculum Subject

Curriculum Intent

Links to Theme

**Science
Electricity**



Identify common appliances that run on electricity

Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers

Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery

Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit

Recognise some common conductors and insulators, and associate metals with being good conductors.

Within this unit the children will explore how electric circuits are used to light up the inside and outside of circus tents.
Children will construct circuits, start to create pictorial circuits and conduct an investigation into how easily different types of switches can break and reconnect a circuit.
Children will also investigate common conductors and insulators, thinking about the materials that are used to make a circus tent.

Music



Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

Listen with attention to detail and recall sounds with increasing aural memory

Use and understand staff and other musical notations

Linking to the theme of the circus, the children will learn to play the ukulele with Mrs Harris. The children will be taught about the notes that can be made with the ukulele and how these can be combined to create a short piece of circus music.
The children will also begin to be taught how to read musical notation.

Design Technology



Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]

Linking with their understanding of electricity, children will design and construct a circus tent in which they have to incorporate an electrical system to light it up, just as they would have seen on The Greatest Showman.

PE



Develop flexibility, strength, technique, control and balance

Compare their performances with previous ones and demonstrate improvement to achieve their personal best

Play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending

Children will develop their ability, balance and co-ordination to create a short sequence linked to the circus.

Children will work on their coordination when concentrating on their footwork and also their balance skills.

Children will work individually and in pairs to develop skills.

Children will learn to take part in competitive games in the form of badminton.