**Science:**

**Danger! Low Voltage!** – Children will design their own light show for the circus (that will be built in DT).

\* Parallel and Series Circuits

**Attainment Targets:**

• Asking relevant questions and using different types of scientific enquiries to answer them.

• Take measurements and use scientific vocabulary

* Associate the brightness of a lamp or the volume of a buzzer with 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 symbols to represent a simple circuit in a diagram.

**History:**

1. Then vs Now

Timeline – See the changes in circuses throughout history. \* Children get different pictures and place them in order – justify their reasons.

Human/Animal Rights – Discuss the changes in laws and rights for each. \*Sorting Activity \*True/False \*Make up our own legislation.

**Attainment Targets (History) (ICT):**

* Children will be taught about an aspect/theme in British History.
* Understand how key events changes in legislation have helped shape the world.
* Use search technologies effectively.

**The Hook:**

Whole of Year 6 is decorated as a circus – teachers dressed as various characters from the circus.

Activity – #1. Write down as many words as you can think of that relate to the circus.

#2. Big Top pictures for children to write what they know, what they want to know and how they are going to find out.

**Literacy:**

\*Leon and The Place Between.

Descriptive Writing – Retell/New

Diary Entries – Different Perspectives

Discursive Writing – Arguments For and Against

**Attainment Targets (English)**

* Describe settings, characters and atmosphere and integrate dialogue to convey character and advance the action.
* Identify the audience for and purpose of the writing, select the appropriate form and use other similar writing as models for their own.
* Use a wide range of devices to build cohesion within and across paragraphs.

**Art:**

Artist Study – Look at how an artist depicts animal cruelty and see the impact the art has on society.

Sketching/Painting – DT project will need to be sketched and painted

**Attainment Targets:**

* To create sketch books to record their observations and use them to review and revisit ideas.
* To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay].
* Learn about great artists in history.

**The Show Must Go On**

**Design and Technology:** Children will be creating their own structure for a circus Big Top using a variety of DT elements.

Design – Children will create a plan for the Big Top structure with measurements and possible materials listed.

Evaluate – Children will evaluate their plan and make changes to their structural plan – being able to justify their changes with regards to the structural elements and support.

Make – Children will build their structure using a variety of materials they have deemed to be best suited for the task. Children will also add their light elements from their Science project.

Evaluate – Children will complete a final evaluation of their Big Top Structure – looking at all elements involved and seeing where they would make changes and where they were successful.

**Attainment Targets:**

* use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
* generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design
* select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities
* understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]

**Physical Education:**

Gymnastics – Students to create their own routines for part of an end of year performance to parents.

**Attainment Targets:**

* Develop flexibility, strength, technique, control and balance.
* Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

**Music:**

Creating – Children can create a piece of music for the end of topic presentation.

Performing – Children can perform these pieces in conjunction with the gymnastics routines at the end of the half term.

**Attainment Targets:**

* Listen with attention to detail and recall sounds and instruments with increasing aural memory.
* Improvise and compose music for a range of purposes.
* Play and perform in solo and ensemble contexts.