

Year 6 – Full Power – Autumn 2

In Technology the children will be learning to:

- How to design a car's headlights, horn and fan
- Gather and use information to suggest solutions to problems
- Devise and use step-by-step plans
- Work with a variety of tools and materials with some accuracy
- Test and evaluate their own work and improve on it

In PE the children will be focussing on:

- Developing the skills required for different invasion games

In PSHE the children will be :

- Sharing personal successes and setting further goals
- Learning about emotional well-being and how to deal with tricky situations
- Learning how to support or seek help for others when they need help

In RE the children will be focussing on:

- The differences and similarities between various religions views of life and death
- Discussing, posing and answering thoughtful questions about life, death and suffering
- Thinking about how beliefs can change the way people live their lives

In French the children will be focussing on:

- Developing a wider variety of classroom instructions and commands
- Learning to describe what we look like and how we feel
- Learning how to explain what we are doing in the classroom

In ICT the children will be learning to:

- Design and create tables to track a budget
- Create simple formula and use these to solve a problem
- Use a variety of software to accomplish given goals
- Analyse and evaluate data using Excel

In International, the children will be focussing on:

- About issues concerning electricity in the future
- What might happen in a powercut scenario

In History, the children will be learning about:

- Who discovered electricity
- Aspects of the past from a range of sources
- To order events, people and changes in the periods they have studied into a chronological framework

In Maths the children will learn about:

- Measurement
- How to work out time intervals
- Measures expressed using decimal notation
- Converting between measurements using conversion graphs
- How to recognise and work out area and perimeters of shapes
- How to calculate the areas of parallelograms and triangles
- Numbers as decimals recognising the value of each digit in a number
- Working out percentages of amounts and applying this to multi-step word problems

In English through the writing of information about different topics, the writing of our own poems and creating stories, we will be exploring the following learning outcomes;

- How to use semi-colons and colons to punctuate non-fiction writing
- How to organise ideas into sections with subheadings and using paragraphs to structure the sections
- How to create relative clauses developing an understanding of using who, what, which, where, when, whose or that
- How to use cohesive phrases to build cohesion throughout a piece of work

In Music the children will be:

- Composing soundscapes
- Composing melodic and rhythmical phrases
- Starting to look at musical notation
- Using layers to create effects

In Science the children will learn:

- How to make an electrical circuit
- How we can change a circuit
- How to draw a circuit diagram
- How to build circuits
- How to make an electric wire-loop game
- About electricity and heat
- About the dangers of electricity
- To conduct scientific investigations posing scientific questions
- To choose an appropriate way to investigate a scientific issues
- To make systematic and accurate measurements from their observations
- To explain and justify their predictions, investigations, findings and conclusion
- To record and communicate their findings accurately using the most appropriate medium