Year 4
Autumn Term 1 – Lightning Speed

Main Texts
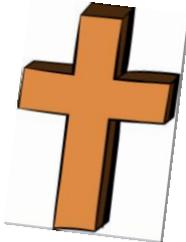**Cliffhanger**
By
Jaqueline Wilson

Maths

We will start the year learning to count in multiples of 25, 100 and 1000 in order to count larger numbers comprehensively. We will learn about place value to 4 digits and will link numbers in numerals and in words. We will compare numbers using language such as 'greater', 'smaller', 'less' and 'more', using the mathematical symbols <, > and =. We will also learn about rounding numbers to the nearest 1000, 100 and 10 and applying this knowledge to approximate, total and find the difference. We will add and subtract with numbers up to 10 000, using the column method and also mental methods for addition and subtraction.

Science

As part of our Lightning Speed topic, we will be looking at electricity and how some appliances run on electricity. We will build a working circuit and identify its components. We will also determine whether a circuit will work or not group conductors and insulators.

Vocabulary:
Appliance, circuit, complete circuit, cell, battery, bulb, switch, conductor, insulator, metal, non-metal.

Come and See

In our topic of 'People' we will study all about the Family and explore the truth that Jesus had a natural family with real people with names and a history.

In the topic of 'Called' we will study through Baptism and Confirmation that people are given the gift of the Holy Spirit and are called to respond in their lives.

Vocabulary: family tree, siblings, relations, ancestors, generations, genealogy chosen, response Sacrament of Confirmation, oil of Chrism, anointing, crozier, sponsor, catechist, bishop, Holy Spirit, witness, called

English

During this half term we will be reading 'Cliffhanger' by Jacqueline Wilson.

This book will form the main focus and motivation our writing composition, grammar, reading and speaking and listening. Specifically, we will be writing letters, postcards and developing character descriptions. We will also write our own poetry.

Our focus for grammar will be based on mastering clear sentence structure, by identifying subject, verbs and using a wider range of conjunctions. Spelling patterns include the prefixes 'mis', 'un', 'in', 'dis' and 'auto' and words ending in 'sure'.

We will continue our guided reading sessions, where we will listen to and read a wide range of texts, allowing us to improve our fluency and expression, retrieve and record information and make inferences and justify predictions. Throughout our English lessons the we will develop our speaking and listening skills by articulating and justifying our opinions, speak audibly in Standard English, and gain, maintain and monitor the interest of listeners.

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Humanities

Geography

Keeping it local, we will be looking at our own town of Widnes, focusing on its human characteristics. Linking in with History, we will be concentrating on the power station, Fiddlers Ferry which has dominated the skyline between Warrington and Widnes since it was built.

History

We will be learning about the History of coal-fired plant, Fiddlers Ferry, when and why it was built and how it is now set for demolition. We will look at the impact and effect it has had on the town of Widnes and its surrounding areas.

Vocabulary:
Settlements, democracy, impact, effects, consequences, change, continuity, urban, local, map, North West, town, map.

STEM

DT

As a cross curricular topic, with science, we will be making electrical circuits with switches.

Computing

We will be applying our knowledge and understanding of networks, to appreciate the internet as a network of networks which need to be kept secure. We will learn that the World Wide Web is part of the internet and will be given opportunities to explore the World Wide Web for ourselves and evaluate online content to decide how honest, accurate, or reliable it is.

Arts

Music

This half-term we will be singing songs with simple time signatures, learning them from memory both aurally and visually. We will learn about what it means to perform in unison/harmony and how this will affect the musical texture.

PE

Tennis
Fitness