Year 6 Autumn

ENGLISH

Firstly we will complete a unit around **David Almond's Skellig**. It will help develop children's understanding of the story, characters, theme and language. We will cover fluency, comprehension and vocabulary throughout reading and meaningful writing opportunities considering audience, form and purpose. We will be covering grammar and punctuation through the analysis of language and structures used to tell the story. The children will apply what they have been taught into their writing, making choices to affect their reader's thoughts and feelings.

We will then be moving on to study **The Arrival by Shaun Tan**, where we will explore the characters, plot and structures in this wordless story. We will focus on the experiences, thoughts and feelings of the main character who settles in a strange land. Through reading, the children will practise their inference, deduction, analysis and interpretation skills. The children will be given the opportunity to voice the story at different points and from different perspectives, creating writing that expresses their own interpretations. Throughout the term we will also be priortising handwriting and spelling throughout.

GEOGRAPHY

Mountains

Children will study mountains around the world by considering the following key questions: What is a mountain? What are the four types of mountains? What are the key features of a mountain? How are they formed? What is it like on a mountain? What is climate like around the world? What are the UK's highest mountains? Where are the highest peaks around the world?

HISTORY

Not covered this term

FRENCH

The children will be: talking about hobbies, what I and others like and don't like to do in my/their spare time and describing and buying clothes in French.

ART

A Sense of Place - Mountainscapes

Children will study the work of artists across cultures. They will become proficient in drawing and painting techniques. They will also evaluate and analyse creative works using the language of art, craft and design. They will critique their work and the work of others.

DESIGN TECHNOLOGY

Mechanism/Circuits - Controllable Vehicles

Children develop their understanding of how products can be driven by electricity. They learn how to use motors within their models and how to control the speed and direction of movement. They develop their design skills by using their own ideas and experiences to produce clearly labelled drawings. They use construction kits and a range of materials and components to develop their skills, knowledge and understanding. The children will produce a framework structure that will be controlled by an electrical circuit and aim to create a quality product.

COMPUTING

Computing systems and networks - Communication and collaboration

In this unit learners explore how data is transferred over the internet, initially focusing on addressing, before they move on to the makeup and structure of data packets. Learners then look at how the internet facilitates online communication and collaboration. Finally, they learn how to communicate responsibly by considering what should and should not be shared on the internet.

Creating media - web page creation

Learners will be introduced to creating websites for a chosen purpose. Learners identify what makes a good web page and use this information to design and evaluate their own website using Google Sites.

MATHS

This term we will be covering the following topics in Maths: number and place value, decimals, length, mental and written methods for multiplication and division, perimeter, area, volume and fractions. We will be completing daily arithmetic practice to continue to develop children's methods and strategies, considering the most efficient strategies when discussing answers. We will continue to refine their recall of all multiplication and division facts in all times tables. Throughout all topics, we will be applying our skills through a wide range of problem solving and reasoning questions, to ensure children can confidently apply their knowledge and understanding. We will also continue to practice our basic skills for areas such as doubling/halving, rounding, the four operations, measure, shape and angles.

R.E.

Children will complete a unit on the key question - Why do people have ceremony and use ritual in their lives? Children will be demonstrating an understanding of meaning and importance of rituals in more than one religion, comparing similarities and differences in religious beliefs and expression. Children will also study Christianity: What do the gospels tell us about the birth of Jesus?

MUSIC

Children will: Explore the influences on an artist by comparing music from different genres. Identify features of timbre, instrumentation, and expression. Use musical knowledge and vocabulary to discuss similarities and differences in music.Compose and sing a syncopated melody accurately and in tune. Sing and play a class arrangements. Listen to historical recordings of big band swing and describe features of the music.

P.E.

Sportshall Athletics

Using running, jumping, throwing and catching in isolation and in combination.

Rugby

Play competitive team games and apply basic principles suitable for attacking and defending.

Gymnastics / Dancing

Perform routines using a range of movement patterns.

Year 6 will also be having swimming lessons this term.

PSHE RELATIONSHIPS

Children will learn about:

Families and friendships: Features of positive and healthy relationships; romantic relationships; civil partnerships and marriage.

Safe relationships: Recognising and managing pressure; consent in different situations.

Respecting ourselves and others: Expressing opinions and respecting others points of views, including discussing topical issues.

SCIENCE

LIVING THINGS IN THEIR HABITAT

Children will learn about how living things can be classified into groups depending on their characteristics and will be able to explain reasons for classifying animals, micro-organisms and plants in a range of ways.

ELECTRICITY

Children will learn how the voltage of a cell can change the power in a circuit, how to 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 and be able to recognise symbols when representing a simple circuit in a diagram.