



**Rufford Primary school and Nursery
Curriculum Newsletter
Year 5 Autumn Term 1
At Rufford, we RISE**

For every child, without exception, to be proud of who they are, to leave our school well-prepared for the next stage of their education and to have the knowledge and skills needed to thrive in our modern world..

Resilience

Integrity

Self-awareness

Excellence

English

Poets' Voices

The children will look at the work of two poets, in order to understand their particular style. They will draft poems, evaluating and editing as they go. They will also prepare poems to read aloud.

Friend or Foe

The children will explore the feelings of the main characters, inferring what they may be thinking as they are evacuated. They will compare this text to other similar texts. They will also explore figurative language, looking at the author's vocabulary choices. They will then write a new scene for the novel, paying attention to dialogue.

The children will read the book Wonder, discussing important themes such as acceptance, friendship and identity.

Mathematics

Place Value within 1,000,000

Children will recap their understanding of place value of numbers up to 1,000,000. They will read, write, order and compare numbers and determine the value of each digit. They will count forwards and backwards in steps of powers of 10 for any given number up to 1,000,000 and round any number up to the nearest 10, 100, 1000, 10,000 and 100,000.

Addition and Subtraction

Children will add and subtract mentally with increasingly large numbers as well as add and subtract whole numbers with at least four digits. They will use rounding to check their answers and determine levels of accuracy.

Multiplication and Division

Children will identify multiples and factors and know and use the vocabulary of prime numbers, prime factors and composite numbers as well as recognising and using square numbers and cube numbers.

Science

Children will learn about the properties and changes of materials. They will:

- Compare and group everyday materials based on their properties
- Learn about mixtures, solutions and the changes that take place
- Understand the uses of everyday materials

History

Ancient Greeks

Children will learn about:

- Chronology through the significant periods of time for Ancient Greeks
- Beliefs of the Ancient Greeks
- Comparison between the city-states of Athens and Sparta
- The influence of the Ancient Greeks on the modern world.

Geography

Study the location of countries of the world, including biomes and environmental regions.

Children will locate the world's countries using maps to focus on Europe (including the location of Russia) and North and South America. Concentrating on their environmental regions, key physical and human characteristics, countries and major cities.

Art

I Need Space

Children will:

- Understand and explain what retrofuturism is
- Comfortably use different stimuli to draw from
- Select and place textures to create a collagraph
- Create a selection of drawings and visual notes.

PSHE

Being me in my world

The children will learn to:

- Set goals and discuss hopes
- Understand rights and responsibilities of citizens in our country and in our school
- Understand rewards and consequences
- Understand how behaviour can affect a group

PE

Invasion Games – Hockey

The unit will challenge pupils to develop an understanding of the rules of hockey and start to take responsibility for officiating their own games. Pupils will be able to develop tactics for both attacking and defending and apply these successfully in their team.

Computing

Coding

The children will:

- Build on their existing knowledge of coding
- Predict what code will do
- Run code to check prediction
- Investigate and modify code
- Make a new program

DT

Mechanical systems: pop up book

The children will create a functional pop-up story book, using levers, sliders, layers and spacers to create paper-based mechanisms

RE

Belief into action

The children will learn about commitment and work towards being able to answer the question: How far would a Sikh person go for his/her religion

French

This term the children will be learning how to say when their birthday is, numbers up to 31 and the months of the year. They will also be revisiting how to say their name and age as well as how they are feeling.

Music

The children will learn to identify the pitch and rhythm of written notes and experiment with notating their compositions, developing their understanding of staff notation