

## Problem Solving, Reasoning and

### Numeracy

To begin with, we will be looking at number-fractions and then move onto our measurement topic allowing children to explore what the best methods are to efficiently find the perimeter of different shapes. We will then do some data handling, focussing on pictograms and bar charts. This will give the children the opportunity to create their questions and collect their own data. Our last topic of the year will be mass and capacity where children will have the chance to practically explore using different units of measures accurately. Each day will start with a mental maths session, where children will practise the fluency, problem solving and reasoning aspects of the units we have already covered. By the end of the year children will be expected to know multiplication and division facts for the 2, 3, 4, 5, 8 and 10 times tables.

Children will also consolidate and improve arithmetic fluency by completing our five minute mental maths challenges.

### Music

This term our music workshop will continue using Charanga to develop our musical skills enabling children to play and perform..

Year Three  
Summer Term 1  
2024



### Knowledge and Understanding of the World

#### **(Science, Geography, History, Computing and DT)**

Our science topic for this half term is 'Forces and Magnets' unit we will teach our children about forces, friction, and magnetic attraction. Children will work scientifically and collaboratively to investigate friction, by exploring the movement of a toy car over different surfaces. They will work in a hands-on way to identify magnetic materials. Furthermore, they will investigate the strength of different types of magnets. Children will have chance to explore the way magnetic poles can attract and repel in an exciting activity, making their own compass and using it to find hidden items. The children will use their understanding of magnetic attraction to design and create their own magnetic game. They will develop their scientific enquiry skills, making observations, predictions, and conclusions.

#### Geography

Pupils will use a range of geographical skills to help them investigate extreme places and environments and consider how animals and communities adapt to these environments. Pupils will select and use appropriate skills and ways of presenting information to help them investigate places and environments. They will describe physical and human characteristics of places by referring to regions, countries and continents and consider how similarities and differences in environments affect the lives of people who live there.

#### Computing

In computing this term, we will continue to develop their understanding of ordering objects/images in a branching database structure. They will learn how to use an online database tool to arrange objects into a branching database and will create their own questions with yes/no answers. Learners will show that their branching database works through testing.

## Communication, Language and Literacy

Throughout the term, we will be studying 'The Bad Beginning,' as inspiration for writing in a wide range of genres. We will be focusing on improving our own writing through regular drafting and editing. In our ERIC reading sessions, the emphasis will continue to be placed on improving children's comprehension skills, explain, retrieve, inference and choice. Due to in the National Curriculum, we will be focusing heavily on spelling, punctuation, and grammar (**SPAG**) both in taught sessions and independent writing. Your child will receive a spelling list of ten words and topic specific words every week. Please support your child by regularly practising at home.

### Physical Development

#### NUF PE Multi-skills

All children must have their PE kit in school every Thursday please - PE is a compulsory National curriculum subject.

### Personal Social Health Citizenship Education

In this unit we will focus on the theme of Living in the wider world 'People and their work' where we will be looking at the range of jobs carried out by people they know. The children will learn how they can develop skills to make their own contribution in the near future.