nn , Ruebird Class

English

Reading

- The children will read a wide range of texts including fiction, non-fiction and poetry.
- There will be a focus on reading comprehension which will be taught explicitly in our Reciprocal Reading sessions each week.
- Continue to develop and apply knowledge of root words, prefixes and suffixes.

Handwriting

• Continue to develop handwriting skills to increase the legibility, consistency and quality of our handwriting.

Writing

- Develop use of dictionaries and thesauruses to check $^{\circ}$ RPA their spellings and improve their writing.
- Use further prefixes and suffixes and understand how to add them
- Spell words that are often misspelt
- Place the possessive apostrophe accurately in words with regular plurals
- Plan and draft their writing using paragraphs around a theme and non-narrative pieces, use simple organisational devices such as headings ad subheadings
- Evaluate and edit their work
- Learn how to effectively use a wide range of grammar within their writing such as conjunctions, adverbials and prepositions.

Our fiction text will be 'The Happy Prince' which is a short story based on the fairy tale by Oscar Wilde. 'The River' by Valerie Bloom will be our poetry text and our non-fiction text with be 'Earthquakes' by Robin Jacobs.



We are reading











Number and Place Value

- Count from 0 in multiples of 4, 8, 50 and 100 • Find 10 or 100 more or less than a given number • Find 1000 more or less than a given number (Y4) • Compare and order numbers up to and beyond 1000 • Identify, represent and estimate numbers using different

- representations
- Round any number to the nearest 10, 100 or 1000 (Y4) Count in multiples of 6, 7, 9, 25 and 1000 (Y4) Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) (Y4)

Addition and Subtraction

- Add and subtract numbers mentally Add and subtract numbers with up to three digits, using formal written
- methods
- answers
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate (Y4) • Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why. (Y4)

Multiplication and Division

- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
- Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
- Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.
- Recall multiplication and division facts for multiplication tables up to 12 × 12 (Y4)
- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers (Y4)
- Recognise and use factor pairs and commutativity in mental calculations (Y4)
- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout (Y4)



Estimate the answer to a calculation and use inverse operations to check

Science

<u>Electricity</u>

- Identify common appliances that run on electricity
- Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
- Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- Recognise some common conductors and insulators, and associate metals with being good conductors.

States of Matter

- Compare and group materials together, according to whether they are solids, liquids or gases
- Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

R.E

This half term, the children will be learning about the Harvest celebration. They will explore why and how Christians celebrate Harvest. They will also investigate how communities and other world religions celebrate Harvest. Next half term, the focus will be on Christmas and how the presence of Jesus has impacted people's lives.

Art and Design

Plant Art

The children will be introduced to a variety of plant-themed artworks created by famous artists, and encouraged to express their opinions of them. They will learn how to make careful observations, mix different tints, shades and tones of colour, and create the illusion of depth within a picture. They will also have the opportunity to create their own 3D flower sculpture from clay.

Computing

Over Autumn term, the children will be learning about digital devices with a focus on inputs, processes and outputs. They will also learn a range of techniques to make stop-frame animation.

PSHE

D&T

<u>Seasonal Stockings</u>

The children will develop and use their knowledge of, and skills in, a variety of sewing techniques for joining and decorating fabric in order to design and make their very own Christmas stocking! The children will be exploring ways in which they can show love and kindness to themselves and others. In addition, they will discuss the ways that their lifestyle and decisions affect themselves and others.

History

The Railway Revolution

We will investigate how the lives of people living in Britain changed thanks to the developments of steam engines and the growth of the railway network across the country.

Geography

<u>Volcanoes</u>

We will be learning about volcanoes this term. We will find out:

- Where volcanoes are in the world
- What the features of a volcano are
- How and why they erupt
- The impact these eruptions have on the surrounding environment