

Year 4

Handbook 2020 – 2021



What's included?

- Summary of each of the areas of learning
- Class timetable
- Important dates
- Equipment needed
- Homework days

Class teacher: Mr Whiting



Teaching assistants: Miss Hall & Mrs Connolly



# English

## Writing:

In stories: develop setting, character and plot
Organise paragraphs around a theme
Use inverted commas and punctuation inside them for direct speech
Use headings and subheadings
Make attempts to vary the pace in narratives and include details to add interest
Use pronouns accurately in sentences
Choose words and phrases that both engage the reader and support the purpose
Use the possessive plural apostrophe in words with irregular plurals
Use fronted adverbials followed by a comma
Apply spelling rules
Use the first 2 or 3 letters in a word to look up the spelling in a dictionary

## Reading:

Apply growing knowledge of root words, prefixes and suffixes to read aloud and understand the meaning of new words
Identify themes in a wide range of books
Read for a range of purposes
Retell fairy stories and myths and legends orally
Ask relevant questions to improve understanding of a text
Draw inferences about how a character feels from their actions and justify with evidence from the text.
Infer meanings and begin to justify them with evidence from the text
Discuss words and phrases which capture the reader's interest
Explain the meaning of words in context
Recognise different forms of poetry
Build on others' ideas and opinions about a text in discussion
Apply growing knowledge of root words, prefixes and suffixes to read aloud and understand the meaning of new words



## Mathematics:

Count backwards through zero, including negative numbers

Recognise place value in four-digit numbers

Round any number to the nearest 10, 100 or 1000

Know tables up to  $12 \times 12$

Use place value and number facts to carry out mental calculations

Use factor pairs and commutatively in mental calculations

Use short multiplication method

Recognise and use hundredths

Recognise and write decimal equivalents to  $\frac{1}{4}$ ,  $\frac{1}{2}$  and  $\frac{3}{4}$

Divide one- or two-digit numbers by 10 and 100, using tenths and hundredths

Round decimals with one decimal place to the nearest whole number

Compare numbers up to two decimal places

Convert between different units of metric measurement, including money

Find the area of rectilinear shapes by counting squares

Solve problems converting units of time

Compare and classify shapes, including quadrilaterals and triangles

Complete a simple symmetric figure with respect to a specific line of symmetry.

Describe positions on a 2-D grid using co-ordinates

Describe translations using a given unit to the left/right and up/down

Interpret and present discrete and continuous data on appropriate graphs

## Scientific enquiry:

Ask relevant questions and use different scientific enquires to answer them

Set up simple practical enquiries and fair tests

Make careful observations and take accurate measurements using a range of equipment

Gather, record and present data in a variety of ways to help answer questions

Begin to record findings using scientific language, labelled diagrams, tables and bar graphs

Report on their findings using written explanations and oral presentations

Use results to make simple predictions, conclusions and suggest further investigations

Identify similarities, differences and changes

Use scientific evidence to answer questions

Ask relevant questions and use different scientific enquires to answer them

## Science Knowledge:

### States of Matter

Children will learn about the three states of matter; solids, liquids and gases. They will investigate changes in state and will learn about the water cycle.

### Sound

Children will understand that sound is caused by vibrations and will investigate pitch and volume.

### Animals including humans

Children will learn to name the parts of the digestive system and will practically investigate what happens to food once it has been eaten. They will also be able to identify different teeth and describe their function.

### Living things and their habitats

In this unit children will study various animals and their habitats. They will learn how certain animals are adapted for life in their habitat. Children will create food chains and webs and study the impact of humans.

### Electricity

Children will construct simple circuits and investigate by changing variables in the circuit. They will also learn about safety and power stations.

### Scientists who changed the world

In this unit children will learn about scientists and inventors whose work have impacted how we live today. Children will have the opportunity to recreate practical investigations carried out by Isaac Newton and try their hand at engineering like Isambard Kingdom Brunel.

**ART:**

Children will explore a range of different techniques such as drawing, painting and sculpture and will use a variety of materials, from pencil and paint to charcoal, to create their own art pieces. Children will study the works of some great artists from history including the Bauhaus Movement.

**COMPUTING:**

Information technology is about the use of computers for functional purposes, such as collecting and presenting information, or using search technology. Digital literacy is about the safe and responsible use of technology, including recognising its advantages for collaboration or communication. Finally, computer science will introduce children to understanding how computers and networks work.

**DESIGN & TECHNOLOGY:**

Children will be taught to design, make and evaluate products. During the Autumn term the children will be making Stone Age Roundhouses out of clay.

**PSHE:**

Children will continue to be taught PSHE through the SEAL programme of study and will cover the following areas: new beginnings, getting on and falling out, going for goals, anti-bullying, changes and relationships. We will also be covering the Year 4 unit of protective behaviours. This will be taught during assembly time on a Wednesday.

As a UNICEF Rights Respecting School, we will follow the Articles from the UN convention on the rights of a child.'

**RE:** The children will looking at different beliefs and showing sympathy to a range of religious beliefs. We will link this with topic learning.

**GEOGRAPHY:**

The children will locate and name the counties, regions and major cities of the Eastern Europe. They will begin to explore geographical features such as climate and weather. They will also learn to use grid references on Ordnance Survey maps to describe locations. Children will also study weather.

**PE:**

Children take part in a range of individual disciplines such as dance and athletics as well as team sports and games. Through these sports they will learn the skills of both co-operation and competition.

**MUSIC:**

They will both improvise and compose pieces using their knowledge of the different dimensions of music such as rhythm and pitch.

**FRENCH:**

Children will be taught by Mrs Paxton for 15 minutes on key vocabulary and begin to talk in dialogue to each other.

**HISTORY:**

This year the children will be developing their historical enquiry skills and understanding of chronology through the topics of The Stone Age in the autumn term,

<b>Monday</b>	Guided Reading	Literacy		Break	Numeracy	Lunch	Topic	PE
<b>Tuesday</b>	Guided Reading	Literacy		Break	Numeracy	Lunch	Science	
<b>Wednesday</b>	Guided Reading	Literacy		Break	Numeracy	Lunch	Topic	PE
<b>Thursday</b>	Guided Reading	Literacy		Break	Numeracy	Lunch	Art /DT/Cooking	
<b>Friday</b>	Guided Reading	Literacy	Spellings	Break	Numeracy	Lunch	RE	Celebration Assembly



### **Important dates:**

Friday 23<sup>rd</sup> October – Teacher Day

Thursday 10<sup>th</sup> December - Panto

More dates will follow once they have been confirmed

### **Equipment needed:**

- 'Until further notice, PE Kit will not be required. Instead, we would ask all children to wear trainers as suitable footwear ready for physical education activities. This is to ensure minimal belongings are moving between home and school.'
- PE Kit when required - Indoor PE kit consists of; black shorts, a white t-shirt or polo shirt, pumps, socks. Black jogging bottoms may be brought in for the winter. All items should be named.

Children should bring in a water bottle which they have access to in the classroom.

Children have been given a new reading folder and diary; this should be in school on a daily basis as volunteers may hear children read at any time.

### **Homework Days:**

Children must read at least **three times a week** and you are expected to record in the reading record that you have heard them read, this is checked in school every Friday.

A **home learning task** is set every other Monday and children will be given 10 days to complete it. The task is on a printed sheet which is stuck in the children's home learning books. Books must be returned to school on the given date for marking.

They will have a **mathematics homework every Friday**, which needs to be completed for the following week. The children will complete two pages. We will write the date on the pages of what they need to do.

Children have a **spellings test every Friday**, they will be given spellings in a yellow book which must come back to school the following Friday to allow them to be given their new spellings. Tests will take place in a red book which remains in school.