

# Year 5

## Handbook 2019 - 2020



### What's included?

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

Please feel free to come  
and talk to us on the  
playground. We'll always  
be around from 8.50

### Class teacher:

Miss O'Kelly



### Teaching assistants:

Miss Hall



# English

## Writing:

Spell some words with 'silent' letters, pre-fixes, suffixes and homophones
Have cohesion within paragraphs (for example using then, after, that, this, firstly)
Use narrative techniques to engage and entertain the reader
Vary sentence structure and length to create intended effects
Use some stylistic devices such as simile, metaphor, personification
Have consistent and correct tense use throughout a piece of writing
Use the following forms of punctuation: speech marks, commas, colons, brackets and dashes
Plan writing to consider the audience
Draft and write longer passages
Evaluate and edit their writing
Make changes to grammar, punctuation and vocabulary to enhance writing

## Reading:

Apply growing knowledge of root words, prefixes and suffixes to read aloud and understand the meaning of new words
Re-read and read ahead to check for meaning
Attempt pronunciation of unfamiliar words drawing on prior knowledge of similar looking words
Identify significant ideas, events and characters; and discuss their significance
Ask questions to improve their understanding
Recognise different points of view
Draw inferences such as inferring characters' feelings, thoughts and motives from their actions and justify with evidence from the text
Know the difference between fact and opinion
Explore the meaning of words in context
Discuss and evaluate how authors use language
Make comparisons across books
Identify the effect of the context on a text; for example, historical context or other culture



# Mathematics:

Interpret negative numbers in context

Read Roman numerals to 1000, including years

Recognise and use square and cube numbers, and know the notation

Use rounding to check answers and determine accuracy

Identify multiples and factors, including finding factor pairs and common factors

Use vocabulary: prime numbers, prime factors and composite numbers

Know prime numbers up to 19

Multiply and divide numbers by 10, 100 or 1000, including decimals

Use long multiplication for multiplying numbers of up to 4 digits by one or two digits

Divide numbers using standard written short division

Convert between mixed numbers and improper fractions

Compare and order fractions whose denominators are multiples of the same number

Identify, name and write equivalent fractions including tenths and hundredths

Add and subtract fractions with denominators that are multiples of the same number

Multiply proper fractions and mixed numbers by whole numbers with support

Read and write decimal numbers as fractions

Round decimals with 2 decimal places to whole number or to one decimal place

Read, write, order and compare numbers with up to 3 decimal places

Recognise % symbol and explain as a fraction with denominator 100 (parts out of 100)

Understand and use common approximate conversions between metric and imperial

Measure and calculate the perimeter of composite rectilinear shapes

Calculate the area of rectangles, and estimate the area of irregular shapes

Use the properties of rectangles to find missing lengths and angles

Distinguish between regular and irregular polygons

Identify 3-d shapes from 2-d representations

Know angles are measured in degrees and compare acute, obtuse and reflex angles

Draw and measure angles to the nearest degree

Identify angles at a point, in a turn and on a straight line

Describe and represent the result of a reflection or translation

Complete, read and interpret information in tables, including timetables



## Science:

Plan different types of scientific enquiries

Take accurate readings using a range of scientific equipment

Record data using tables, scientific diagrams, classification keys and graphs

Use results to make predictions and set up further investigations

Use results to draw conclusions

Begin to look for relationships in their data

Use scientific language to communicate their ideas

Begin to talk about how scientific ideas have changed over time

Report on findings using written explanation and oral presentations

## Scientific Knowledge:

### Autumn

Investigative Skills

Earth and Space

### Spring

Forces

Properties and Change of Materials

### Summer

Living things and their habitats

Animals including humans

## Year 5 Foundation Subjects

**RE:** The children will continue to look at different ways people worship and important festivals. They will particularly focus on Christian, Buddhist, Jewish, Hindu and Muslim beliefs.

**PE:** Children will continue to experience a range of individual disciplines such as dance and athletics, with team sports and games. Through these sports, children should learn the skills of both cooperation and competition. During Key Stage 2, the range of games and sports taught will be broader, and the children will also take part in outdoor and adventurous activities such as orienteering. They will perform dances, take part in athletics and gymnastics, and attempt to achieve personal bests in various activities. In addition, all children will continue to learn to swim in the Autumn term.

**FRENCH:** The children will continue to develop their French speaking. As well as beginning to record their learning by writing and reading in French.

**HISTORY:** Children will learn all about the Victorian period. Their learning will explore what it was like to live during the reign of Queen Victoria, as well as considering what life was like before and after. In addition to this, they will learn about Victorian inventions, workhouses and how Dr Barnardo helped change the way for children. Through interactive and practical launch days they will learn about the local area, life as a Victorian child and find out about the British Empire. Children will use timelines to develop their understanding of chronology and identify key events during this time period.

**MUSIC:** All children will learn a musical instrument, as a class, and be taught by an outside practitioner from the county music service. They will learn a broad range of vocabulary and terminology to support them in reading music. By the end of the year, they will perform to an audience.

**ART AND DESIGN TECHNOLOGY:** Art and DT will be taught in blocks where the children can focus on a project over the period of a week. Therefore, they will be able to develop a design, product/artwork and evaluate it in one clear process. They will focus on artists such as Lowry and Hockney, as well as researching and using designs cam mechanisms and cooking.

**GEOGRAPHY:** Learning about the local area, children will be taken to visit our local parks and town to conduct research, studies and collect data. They will use graphs to record their findings, as well as using pictures to record and compare the human features and how they have changed over time. Furthermore, the children will learn about physical features, including biomes, climate and weather and visit the local glasshouse.

**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, children will be able to design and print using 3D printing technology.

**PSHE:** These are sessions where children learn about personal and social issues that affect them and their community. We also will look at Protective Behaviours and Sex and Relationships, of which details will follow in due course.

# Class timetable:

	8.55am	9.00am	9.30am	10.25am	10.40am	10.55am	12.10pm	1.10pm	1.20pm	2.10pm	3.20pm
M O N	Registration	Assembly	Guided Reading	Literacy	B R E A K	Maths	L U N C H	Registration	PE	Topic	
T U E S	Registration	Guided Reading	Literacy	Assembly	B R E A K	Maths	L U N C H	Registration	Art/DT	RE	
W E D S	Registration	Guided Reading	Literacy	PSHE	B R E A K	Maths	L U N C H	Registration	Teacher - PPA LH - Science MO will teach cooking on a rota		
T H U R S	Registration	Guided Reading	Literacy	Assembly	B R E A K	Maths	L U N C H	Registration	French	Topic	Music – Flute teacher
F R I	Registration	Spelling	Guided Reading	Literacy	B R E A K	Maths	L U N C H	Registration	Computing	Celebration Assembly 2.45	



## Important dates:

Thursday 12<sup>th</sup> September - Victorian Day

Tuesday 22<sup>nd</sup> October and Wednesday 23<sup>rd</sup> - Parents Evening

Thursday 24<sup>th</sup> October - House Sports

Thursday 24<sup>th</sup> October - Halloween Disco

Thursday 7<sup>th</sup> November - Space Camp

Wednesday 27<sup>th</sup> November - Year 5 Class Assembly

Thursday 12<sup>th</sup> December - Christmas Panto

Friday 13<sup>th</sup> December - Christmas Jumper and Dinner Day

## Equipment needed:

Please ensure your child has:

- Reading Record and colour-banded reading book in their book bag.
- **PE kit Monday**
- **Swimming kit Tuesday**
- A PE kit should be left in school and can be taken home to be washed at the end of each half term. 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.**
- A **named** water bottle containing water only.
- A blue sweater for when we go out on trips.



# Homework:

*As a guide, children in Year 5 are expected to do 1 hour of homework a week.*

Home Learning Project - Monday in for the following Thursday.

The first of these will be sent out on Monday 9<sup>th</sup> September and is due in on Thursday 19<sup>th</sup> September. Then continue being set every other Monday.

Maths - We recommend children access J2Blast regularly. In addition, they will be set maths homework each week, given on Monday and due Friday.

Spelling - The children have a spelling test every Friday. They **MUST** have their yellow books in school on a Friday to receive their new spelling for the following week.

Reading - **Children are expected to read at least 3 times a week with a parent or carer and RECORD this in their yellow reading diary.**

## How to Help Your Child

Visit our school website to watch short videos with ways to support your child's reading. We ask you to support your child by hearing them read their individual levelled reading books at home. We would appreciate it, if parents/carers could sign and make a comment in the reading diaries every week. This will help towards the children earning a new book for the class. School helpers may also hear your child read their individual reading book in school, so it is important that this book is brought to school **every day**.