

# Welcome to Year 5!

Within our Curriculum newsletter you will be able to find everything that we are going to be learning about this term, including what will be needed in terms of PE days and kit. We hope you find this information useful and if you have any further questions, please do not hesitate to ask!

Miss Smith & Miss Jones

## English

In English this term, we will be basing our learning on: Dr Who's Dilemma! This is a balanced discussion all about whether or not Dalek's should be allowed to live on Earth. We will use this text to innovate another balanced argument, this time about whether it is acceptable for animals to be kept in zoos. We will explore the features of balanced discussions, as well as discuss arguments for and against before writing the discussion, while making sure our writing isn't biased. Finally, we will use all of the skills we have learned to write our own balanced discussion on a very important and current topic in the news: **should the school day be lengthened?**

After half-term, we will focus on a text called *Bedd Gelert*, which is a losing tale. We will focus on punctuating direct speech and incorporating this in our writing, as well as using a range of multi-clause sentences including relative clauses and parenthesis.

## Maths

In Maths this term, we will be learning about:

- Decimals
- Geometry: Properties of shape
- Geometry: Position and direction
- Measurement: Converting units

In addition to these units of learning, we will also be revisiting previously taught knowledge through our mixed-topic starter of the day.



## Reading / Phonics

In reading this term, we will be using our Reading Explorers scheme to help us to develop:

- Literal retrieval skills
- Word knowledge and authorial word choice
- Deductive and inferential skills

In addition to this, we will have a daily 30-minute accelerated reading session to practice our independent reading skills and we will also have a D.E.A.R (drop everything and read) session where we listen to the teacher read a story that we have chosen together. Pine class are currently reading *The White Giraffe* by Lauren St. Johns and Ash class are currently reading *Wonder* by R. J. Palacio. This is our favourite part of the day!



## Science

In science this term, we will be learning about: The planets of our solar system, including the movement of the Sun, Earth and Moon, day and night, seasons and phases of the Moon. We will also make detailed observations of shadows throughout the day when investigating the Sun's apparent movement across the sky.

After half-term we will learn about changes and reproduction. This will include the main stages in the human life cycle. Children will learn about sexual reproduction and gestation, how young children grow and develop, the changes that occur during puberty as well as discovering about the changing needs of humans during old age.



## History

In History this term, we will be learning about: what life would have been like for them if they had been born in the 19th century. We will be comparing our modern lifestyles to the lifestyles of both poor and rich Victorian children and gives them the chance to find out a wealth of information about different aspects of life for people in Victorian Britain.



## Geography

In Geography this term, we will be learning about: rivers, their uses, features and effect on the environment. We will get the chance to study the water cycle, find out how rivers are formed, explore the journey of a river from source to mouth, investigate why rivers are important and what they are used for, river pollution and its effects, as well as choosing a river around the world to investigate in depth.



## Art

In Art this term, we will be learning about: the many varied forms of art in public spaces, and develop their own ideas for quick, colourful, eye-catching, humorous or satirical pieces of street art through sketching and annotating. We will discuss how street art polarises opinion, when and where it is acceptable, and how it can improve or damage public spaces.



## Design and technology

In D&T this term, we will be learning about: different kinds of biscuits, including their flavours, textures and appearances, find out which biscuits are most and least popular, as well as design, make, evaluate (and, of course, eat!) their own biscuits. Prior to this, we are taking part in 'Crank it Up', a competition hosted at Beamish Museum about making our very own crane!



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## Music

In Music this term, we will be learning about:

Motown. Within this we will develop our knowledge and skills in:

- Listening and appraising
- Singing and playing largely in tune
- Improvising and composing music
- Performing

After half-term we will be learning about the history of music, looking back and consolidate our learning, learning some of the language of music



## French

In French this term, we will be developing our vocabulary and skills in:

- Speaking and listening
- Reading
- Writing

through the context of 'I like your style'.

The will focus on naming items of clothing in French, describing colours and providing opinions on outfit choices.



## RE

In RE this term, we will be learning about:

- How Jewish beliefs are expressed in the home
- Why people use rituals today



## Computing

In Computing this term, we will be learning about:

Using physical computing to explore the concept of selection in programming through the use of the Crumble programming environment. We will be introduced to a microcontroller (Crumble controller) and learn how to connect and program components (including output devices- LEDs and motors) through the application of our existing programming knowledge. We are introduced to conditions as a means of controlling the flow of actions and make use of our knowledge of repetition and conditions when introduced to the concept of selection (through the if, then structure).

We will also be learning how the If... Then... Else structure can be used to select different outcomes depending on whether a condition is true or false. We represent this understanding in algorithms and then by constructing programs using the Scratch programming environment. We use our knowledge of writing programs and using selection to control outcomes to design a quiz in response to a given task and implement it as a program.



## PSHE

In PSHE this term, we will be following our JIGSAW scheme to learn about:

- Healthy me
- Relationships



## PE

This term, our PE day will be a Monday (swimming) and Wednesday. Children will need to come with appropriate clothing, including: a white t-shirt or polo shirt, navy blue shorts and black plimsoles or trainers. We will be going swimming on a Monday so children will also require appropriate swimming costumes and a towel each week.

This term, our PE focus will be:

- Swimming
- Striking and Fielding games (cricket)
- Athletics

Through these units we hope to develop gross motor skills and tactical understanding.

