

## Maths

**Y5 and 6 will focus on:**

- Multiplication and division
- Fractions

**Y4 will focus on:**

- Addition and Subtraction
- Multiplication and division
- Area

Times tables are of vital importance in all aspects of maths work in school. Please encourage your child to access games on the TT Rockstars website to help their rapid recall of multiplication and division facts related to times tables.

Y3 – 3,4 & 8 times tables

Y4 – 6,7,9,11 & 12 times tables

Y5 and 6 – All.

## Zones of Regulation

Children will continue to explore different ways in which we can help ourselves and each other regulate emotions.

## Geography - Features of Rivers and the Water Cycle.

Throughout this unit the children will:

- Learn about the water cycle, explaining how it creates a river.
- Locate Key rivers in the UK.
- Locate Key rivers of the World.
- Describe the main features of a river.
- Describe key features of a river system explaining erosion and deposition.
- Describe the way in which rivers are used.
- Explain the impact of damming rivers.

## Computing – Year 6 data and information - introduction to spreadsheets.

Throughout this unit the children will:

- Collect and organise data in a format of their choice.
- Choose formats for data items.
- Use formulas to produce calculated data.
- Use the four rules of number to create formulas .
- Plan and calculate the cost of an event.
- Create charts in Google Sheets in order to answer questions.

**Project Evolve: Y5 – Online Relationships.**

## **Class Three 'Sparks Might Fly' Autumn 2 2024**

## Science – Scientists and Inventors (Y5)

Throughout this unit the children will:

- Learn about the life and work of David Attenborough and create a documentary about a living thing of their choice.
- Discover how CSI technicians use scientific techniques to analyse evidence and prove or disprove theories. They will use chromatography to analyse the ink used in a spelling test.
- Research Margaret Hamilton and her invention of the software and computer code.
- Learn about Neil deGrasse Tyson's role in the reclassification of Pluto.
- The children will explore the Eva Crane's research into bees and will play a game about the life cycle of bees.
- Research Da Vinci's ideas about the proportions of the human body seen in his work The Vitruvian Man.

## DT – Mechanisms - Automata Toys

Throughout this unit of work children will:

- Design a moving toy for a specific user.
- Use an exploded diagram to assemble a frame.
- Experiment with cams.
- Use saws and hot glue safely.
- Finalise and evaluate a product.

## PSHE

Year 4: Relationships/Growing and changing – Appropriate Touch.

Year 5/6: A World Without Judgement – British Values.

## Music – Christmas Performance

During this unit of work the children will:

- Practise songs from the production.
- Develop group parts.
- Develop solo singing.
- Learn actions and dances associated with the songs.

## PE

On Tuesdays, children will be developing their Dodgeball skills with Mr Brearley.

On Fridays, children will work on their Strikina and Fieldina skills with WLSP.

## Spanish – Eating Out

I learn key vocabulary about food and drinks. Learn key phrases of how to say what drinks they like, what they would like to eat for breakfast, fillings for sandwiches, toppings for pizzas and also the opening and closing times for shops and restaurants

## English

Y5 & Y6: Novel as a Theme and Recount: Biography

Y4: Explanations and Fables

## Grammar

**Y5 and Y6:**

Relative Clauses: with relative pronoun  
Expanded noun phrases  
Synonyms

**Y3/ Y4**

Y3 Adverbs

Y3: Adverbs for time.

Y3: Identify clauses in sentences

Y4: Create complex sentences with adverb starters

Y4: Use commas to mark clauses in complex sentences

Y4: Create sentences with fronted adverbials for when

Y4: Use commas after fronted adverbials

All children follow a focused spelling programme which is based on a two weekly cycle.

All children will also have a daily Reading session focusing on vocabulary and comprehension skills.

A short daily handwriting session in a foundation subject.

## RE – Islam: Why is Muhammad important to Muslims? (Y5)

During this unit of work the children will:

- Find out who Muhammad was and why he is an important figure in Islam.
- Learn about the life of Muhammad and his impact on history.
- Understand the importance of the Qur'an to Muslims.
- Understand the importance of Muhammad to Muslims' daily lives.