



# Year 5 - Learning Journey

## Autumn 2 - 2019

### Maths

We will be learning through the school's maths scheme.



#### Key learning this half term:

- Read, write, order and compare numbers to at least **1,000,000**.
- Decompose large numbers to successfully solve **multiplication** and **division** problems.
- Round **two decimal places** to the nearest **whole number** and to **one decimal place**.
- Estimating, measuring and draw **angles**, writing its size in degrees (°).



### English - Writing

We will learn how to use and improve new and existing writing skills.



#### Key learning half this term:

- Develop **descriptive vocabulary** within our written work.
- Explore our ability to write in different **styles** including writing **myths** and **legends**, **diary entries** and **non chronological reports**.
- Develop our ability to thoroughly **check** and **edit** and **up-level** our own writing.



### English - Reading

We will be learning through the Destination Reader programme.



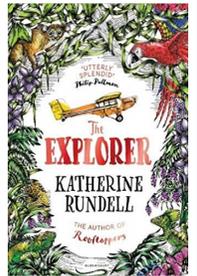
#### Key learning this half term:

- Making **inferences** and **justifying** predictions based on the class text.
- Making **connections** using **personal experience** and **knowledge** of other texts.

#### Focus Books this term:

'The Explorer' by Katherine Rundell.

We will also be reading non fiction texts relevant to our Geography and History topics.



### Geography

'South America - The Amazon Rainforest'



#### Key learning this half term:

- Locate **South America** on the **world map**.
- Understand **Prime/Greenwich meridian** and **time zones**.
- Identify the **states** and **capital cities** of the **South America**.
- Use online maps to identify major **landmarks** around **South America**.
- Identify major **ivers**, **lakes** and **mountains**.
- Describe **physical geography** of the **Amazon Rainforest**.
- Discuss how **global warming** is affecting the **Amazon Rainforest**.

### History

'The Blackout'



#### How did the Blitz change London forever?

#### Key learning this half term:

- Learn what the **Blitz** was and where the **bombing raids** took place.
- Research some of the ways that the **UK defended** itself during the **Blitz**.
- Discuss how the **Blitz effected** the **British people**.
- Understand the effects of **air raids** and the causes of **evacuation**.
- Consider and discuss the **experiences** and **feelings** of **evacuees**.
- Understand the need for **rationing**.

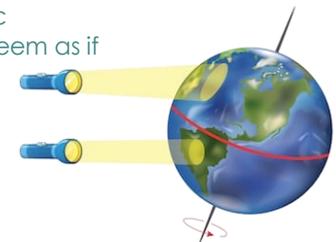
### Science

'Our Super Solar System'



#### Key learning this half term:

- Understand that the Sun, Earth and Moon are approximately spherical bodies.
- Understand how day and night occur.
- Understand the Earth rotation on its axis.
- Understand the scientific factors which makes it seem as if the sun is moving in the sky.



## Computing 'Scratch'



### Key learning this half term:

- **Design, write** and **debug** programmes.
- Solve problems by **decomposing** them.
- Explain how simple **algorithms** work.
- Detect and correct **errors** in **algorithms**.
- Learn how **computer networks** can provide **multiple services**, such as the **World Wide Web**, appreciate how **search results** are selected.



### Online Safety - Cyber Pass

We will be taught online safety in order to participate safely in the online community including when sourcing images for our projects.

## PSHCE & RHE 'Getting On and Falling Out'



### Key learning this half term:

- Develop an awareness for different types of **relationship**, including those between **family** and **friends**.
- Understand the importance of seeing situations from another persons **perspective**.
- Discuss the important **qualities** a **good leader**.
- Demonstrate the ability to **agree** or **disagree** with an idea and explain why.
- Understand how to prevent **feelings** of **anger** from **overwhelming** us.
- Understand how to solve problems **peacefully** to **avoid conflict**.



## Physical Education 'Football'



### Key learning this half term:

- Demonstrate **control** and **agility** when **dribbling** with a **ball**.
- Demonstrate the ability to **control** a **ball pass** with **accuracy**.
- Incorporate **speed, accuracy** and **agility** to develop **football skills**.
- Demonstrate **good sportsmanship** throughout.

### PE Day - Wednesday

Please ensure that your child has a full PE kit in school each week for their PE lesson.

## Religious Education 'Christianity'



### Key Question:

Is the Christmas story true?

### Key learning this half term:

- Discuss the **events** of the **Christmas** story.
- Understand the significance of the **Christmas Story** to **Christians**.
- Compare to our own **beliefs** and **experiences**.
- Create a **personal understanding** of the Christmas story based on our own experiences, **beliefs** and **values**.



## Art 'Design Instruments'

### Key skills:

- Investigate and analyse **African musical instruments**.
- Create an **African inspired percussion instrument**.
- Use our instruments in a **performance** and **evaluate** their **effectiveness**.



## Mandarin 普通话



### Key learning:

- Continue to introduce and describe the **physical features** of myself and others
- Learn how to send **well wishes** to family members including at **Chinese New Year**.
- Use **Chinese Characters** to make **greetings cards**.

## Home Learning

Your home learning project is due in school by:  
Friday 13th December

### Use the following websites to practise your maths and spelling:

- [www.trockstars.com](http://www.trockstars.com)
- [www.login.mathletics.com](http://www.login.mathletics.com)
- [www.uk.spellodrome.com](http://www.uk.spellodrome.com)
- [www.spag.com](http://www.spag.com)

### Complete one of the following projects:

- Create a 3D model of a German bomber plane or a RAF 'Supermarine Spitfire' / 'Hawker Hurricane'.
- Research animals and plants of the Amazon rainforest and create a 3D model.

Responsibility

Independence

Initiative

Generosity

Curiosity

Perseverance

Optimism

Social Intelligence

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