



Year 5 - Learning Journey

Summer 2 - 2020

Maths

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



Key learning this half term:

- Use and apply the following areas weekly: **addition, subtraction, multiplication and division, measures, geometry, fractions, decimals and percentages.**
- Add/subtract whole numbers** with more than **4 digits.**
- Use **formal written methods**, and **mental addition/subtraction** with increasingly **larger numbers**
- Apply knowledge of **factors and multiples, squares and cubes** to solve **multiplication/division problems.**
- Convert** between different **units of metric measure.** Eg. **centimetre/metre, gram/kilogram, litre/millilitre.**
- Use **approximate equivalences** between **metric units and common imperial units.** Eg **inches, pounds, pints.**
- Measure** and calculate the **perimeter of composite rectilinear shapes** in **centimetres and metres.**

English - Writing

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



Key learning half this term:

- Develop our **writing skills** through activities based on our **focus texts** and **topic subjects.**
- Thoroughly check, edit and up-level our writing.
- Explore our ability to write in different styles including:

Fiction

- Adventure stories
- News script

Non Fiction

- Blogs/Emails
- Newspaper
- Instructions
- Explanation



English - Reading

We will be learning through the Destination Reader programme.

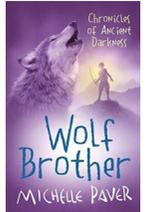


Key learning this half term:

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

Focus Books this term:

'*Wolf Brother*' by Michelle Paver



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

Geography

'Fieldwork
- Our Local Area



Key learning this half term:

- Apply knowledge and observation to explore and discuss **physical and human** features of the **local area.**
- Use geographical terminology for directions and plan a walk in the local area; use the **scale** to measure the length of a **route**; and use four and six figure coordinates to identify the location of features (place of interest).
- Record data in the field in different ways: annotate a base map; take photographs; field sketches of different scenes; complete tally charts to record the number of certain features; e.g. types of housing, **buildings**; new buildings and changes in **land use**, how well people look after their local **environment.**
- Create a land-use map of the local area with a **key, symbols** and annotated sketches or photos to record the information from the field notes.

History

'Britannia Rules'



How should the British Empire be remembered?

Key learning this half term:

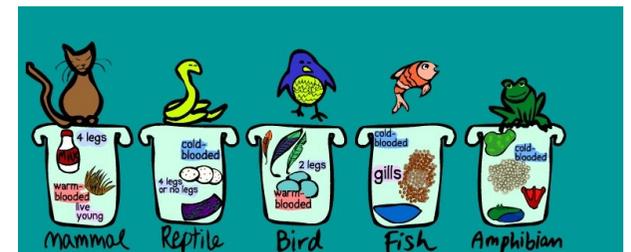
- Discuss why **Britain** wanted an **empire.**
- Understand why the British were interested in gaining **colonies** in **Africa** and the **West Indies.**
- Discuss expectations of the local people once they become a part of the British Empire.
- Learn about colonies within the British Empire.
- Discover the **East India Trading Company.**
- Explore and discuss the **advantages and disadvantages** of the British Empire.
- Consider how the British Empire has **impacted modern life** and how it should be remembered.

Science

'Living Things and their Habitats'

Key learning this half term:

- Describe the differences in the **life cycles** of a **mammal**, an **amphibian**, an **insect** and a **bird**
- Describe the life process of reproduction in some **plants** and **animals.**



Computing 'Scratch'



Key learning this half term:

- Design, write and debugging **programmes** that accomplish specific goals.
- Solve problems by decomposing them into smaller parts.
- Use logical reasoning to explain how some simple **algorithms** work and to detect and correct errors in algorithms.
- Learn how **computer networks** can provide multiple services, such as the **World Wide Web**, and understand how search results are selected.

Online Safety - Google Interland

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

Physical Education

Onyx Class - 'Rounders'
Quartz Class - 'Athletics'

Athletics

- Understand the combinations of **muscles and movements** involved in good **sprinting technique**.
- Demonstrate how to **safely pass a baton** to a **team member**.
- Understand the **changes/effect** that **athletic activities** have on the **body**.

Quartz Class
PE Day - Friday

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

Rounders

- Understand the importance of **hand-eye coordination** in **rounders**.
- Apply **different types of throw and catch**.
- **Bowl and throw** with increased **speed and accuracy**.
- Develop **consistency** in **movement and action** when **batting**.
- Understanding how to

Onyx Class
PE Day - Wednesday

Design 'Fashion Textiles'



Key skills:

- Research different **fabrics**, their **properties** and **production**.
- Explore techniques used to **print** onto **fabrics**.
- Design a **pattern** for an item of **clothing/ accessory**.
- Join our **pattern components** using **sewing** techniques to complete a final **fashion product**.
- Present, **evaluate** and **discuss** our final **products**.

Mandarin 普通话

Key learning:

- Apply **Mandarin language** to **express** and **understand** simple ideas.
- Make simple **comparisons**.
- Write with **Chinese characters**.
- Learn about Chinese **culture**.
- **Review** and **assess knowledge** from the academic year

PSHE & RHE 'Changing Me'



Key learning this half term:

- Develop awareness of our **self image** and how our **bodies** are relevant to this.
- Understand that **puberty** is a **natural process** that happens to everyone and that it is ok.
- Understand the **physical changes** and **emotional changes** that we will experience through **puberty**.
- **Express how we feel** about the **changes** that we will experience.
- Identify what we are **looking forward to** about becoming a **teenager** and understand the **responsibilities** that come with this.
- Develop **confidence** towards **changes** of **growing up**.
- Identify **changes** to make for **next year** and what we are **looking forward to** in our **new class**.

Religious Education

'Christianity
- Beliefs & Practices'



Key Question:

Do people need to go to church to show they are Christians?

Key learning this half term:

- Develop deeper knowledge of Christian **beliefs** and **practices**.
- Discuss how **Christians** show **commitment** to **God**.
- Apply knowledge of different **religions** to compare **similarities** and **differences** in **beliefs** and **practices**.



Home Learning

Please send project photographs by **Friday 10th July**
homelearning@devonshirehill.haringey.sch.uk

Use the following websites to practise your maths and spelling:

- www.trockstars.com
- www.login.mathletics.com
- www.uk.spellodrome.com
- www.spag.com

Complete one of the following projects:

- Create a 3D model of the type of building that you live in. This might be a terraced house, a detached house, a bungalow, a high rise apartment block, a low rise apartment block.
- Research the work of Isambard Kingdom Brunel, then design and create your own bridge. Put your bridge to the test, what objects can it support?

Responsibility

Independence

Initiative

Generosity

Curiosity

Perseverance

Optimism

Social Intelligence

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