



# Year 5 - Learning Journey

## Summer 1 - 2020

### Maths

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



#### Key learning this half term:

- **Partition, round and order numbers and decimal numbers up to two decimal places.**
- **Count on and count back in decimal steps from zero or any positive number.**
- Apply knowledge of **place value, addition and subtraction to add / subtract decimals.**
- Choose from a variety of methods to **solve multi-step problems** involving any of the **four operations**
- Learn to **justify** choice of **method** and **explain** which of a selection of **strategies** is the **most efficient.**
- Continue to **recall multiplication facts** up to **12 x 12** and **related division facts.**

### English - Writing

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



#### Key learning half this term:

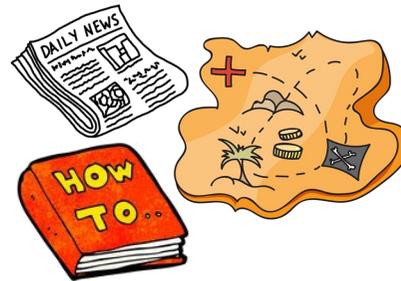
- Develop our **writing skills** through activities based on our **focus texts** and **topic subjects.**
- Thoroughly check, edit and up-level our writing.
- Explore our ability to write in different styles including:

#### 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:

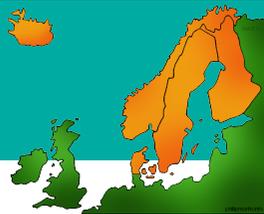
'*There's a Boy in the Girls' Bathroom*'  
by Louis Sachar



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

### Geography

'Scandinavia  
-Denmark, Sweden & Norway'



#### Key learning this half term:

- Use a **globe** and a **map** to locate the three **kingdoms** and their **capital cities.**
- Use the **eight points of a compass** to identify and name the surrounding **seas** and **oceans.**
- Describe the **physical features** of the **Scandinavian Peninsula.**
- Describe and compare the **Temperate Deciduous Forests** in the UK and the **Taiga Forest** in Sweden and Norway
- Discuss Norway's high **latitude** and the large seasonal variations in daylight.
- Compare the **climate** in the UK with the climate in the Scandinavian Peninsula.
- Learn about the **Viking Festival** (June) (History Link).

### History

'The Vikings & The Anglo-Saxon'



Why was Alfred so 'great'?

#### Key learning this half term:

- Learn about the **Anglo-Saxons** and their **influence** on **modern society today.**
- Identify **evidence** which shows that the **Anglo-Saxons** were living in **Britain.**
- Learn about **Anglo-Saxon laws** and **justice.**
- Learn about **Viking raids** and **invasion.**
- Discover the **resistance** by **Alfred the Great** and **Athelstan**, the **first king of England.**
- Learn about **Edward the Confessor** and his death, **1066.**

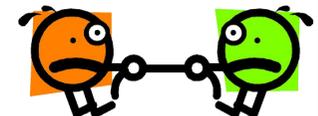
### Science

'Forces'



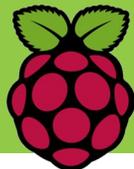
#### Key learning this half term:

- Demonstrate the effect of **gravity** acting on an unsupported objects.
- Explore and understand different **forces** including **friction, water resistance** and **air resistance.**
- Understand when it is beneficial to have **high** or **low friction, water resistance** and **air resistance.**
- Demonstrate how **pulleys, levers** and **gears** work
- Apply **scientific language** and **knowledge** to explain the **results** our **investigations** and **experiments.**
- Demonstrate and explain clearly the **effects** of using **levers, pulleys** and **gears.**



## Computing

'Raspberry Pi'



### Key learning this half term:

- **Design, write and debug a program** using a block **language** based on their own ideas.
- Learn that **physical systems** can be controlled by a computer and experiment with **computer control applications**.
- Solve problems using **decomposition** and use **logical reasoning** to detect errors in **algorithms**.
- Use **sequence, selection, repetition** and **variables** in order to write a **program** that accepts keyboard **input** and produces on-screen **output**.
- Learn that the **internet** is a series of **networks** and how **web pages** are **created** and **transmitted**.

### 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.

## Physical Education

Onyx Class - 'Athletics'  
Quartz Class - 'Football'

### 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**.

**Onyx Class**  
**PE Day - Wednesday**

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

### Football

- Demonstrate effective **dribbling** with a ball.
- Use different parts of foot and show **control**.
- Demonstrate **passes** and move to create **combinations**.
- Understand why it is important to check a **space** before moving.
- Participate with strong **team work** and good sportsmanship.

**Quartz Class**  
**PE Day - Friday**

## PSHE & RHE

'Relationships'



### Key learning this half term:

- Have an **accurate understanding** of **ourselves**, our **characteristics** and **personal qualities**.
- Know how to **build upon** our **self esteem**.
- Understand the **positive** and **negative consequences** of an **online community**.
- Recognise when an **online community** feels **unsafe** or **uncomfortable** and **know what to do**.
- Understand our **rights** and **responsibilities** within an **online community** or **social network**.
- Identify how to **reduce** our '**screen time**' so that **technology** does not **affect our health**.
- **Resist pressures** to use **technology** in a way that is **harmful** or **unsafe** to **ourselves** or to **others**.

## Religious Education

'Sikhism'  
- Prayer & Worship'



### Key Question:

What is the best way for a Sikh to show commitment to God?

### Key learning this half term:

- Learn about the significance of **prayer** and **worship** to the **Sikh** faith.
- Discuss how Sikhs show their **commitment** to **God**.
- Apply knowledge of other **religions** to compare similarities and differences in **prayer** and **worship**.



## Art

'World Patterns'



### Key skills:

- Explore different cultural **patterns** and **design styles** around the world.
- Apply **knowledge of Egyptian, Aztec, Islamic and Greek** history.
- Apply **knowledge of pattern, form, and 3D sculpture** to develop our artistic **skills**.
- Research **key artists** and create artwork inspired by their styles:  
Yinka **Shonibare**.

## Mandarin

普通话



### Key learning:

- Apply **referent** language in simple sentences. Eg. this is a cat; it is not a dog.
- Indicate **possession** in simple sentences. Eg: I have a juicy, crunchy apple.
- Ask/answer time, location, **questions**.
- Practise writing **Chinese character** formation.
- Learn **Chinese culture**.

## Home Learning

Please send project photographs by **Friday 15th May**  
[homelearning@devonshirehill.haringey.sch.uk](mailto:homelearning@devonshirehill.haringey.sch.uk)

### 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:

- Research human and natural Scandinavian landmarks. Choose one which you would most like to visit and create a model of the landmark.
- Create an artefact/collection which represents The Viking/The Anglo Saxons. Research your choice to understand why it was significant in its time.

Responsibility

Independence

Initiative

Generosity

Curiosity

Perseverance

Optimism

Social Intelligence

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