



Year 3 - Learning Journey

Spring 2 - 2020

Maths

We will be learning through the **Mathematics Mastery Programme.**



Key learning this half term:

- Recognise and **measure** a variety of **shapes**.
- Use **mirrors** to draw **shapes** with a **reflective line of symmetry**.
- Apply **vocabulary** relevant to **position, direction** and **movement** to describe **movement** on a **grid**.
- Use **written methods** to record, support and explain **two-digit** and **three-digit numbers problems**.
- Apply **practical** and **informal written methods** to **multiplication** and **division** of **two-digit numbers**.
- Find **unit fractions** of **numbers** and **quantities**, e.g. find **one half (1/2)**, **one third (1/3)**, of 12 litres.
- Practice **multiplication** facts for the **2, 3, 4, 5, 6, 8** and **10 times-tables** and the **corresponding division facts**.

English - Writing

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



Key learning during Spring Term:

We will develop our ability to write in a variety of different **styles** including:

Fiction:

- **Stories with familiar settings.**
- **Myths and legends**

Non Fiction:

- **Formal letters**
- **Non chronological report**
- **Instructions**



English - Reading

We will be learning through the **Destination Reader** programme.

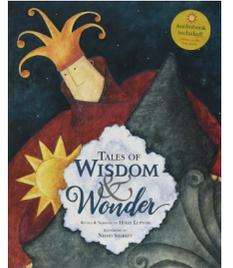


Key learning this half term:

- Making **inferences** and **predictions** based on the class **text**.

Focus Books this term:

'**Tales of Wisdom and Wonder**'
by Hugh Lupton



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

Geography

'Climate Zones'



Key learning this half term:

- Locate the **Equator**, the **Tropics of Cancer** and **Capricorn**, as well as the **Arctic** and **Antarctic Circle**.
- Identify the **characteristics** of each **climate zone**.
- Explore and understand the differences between the **Northern** and **Southern Hemispheres**.
- Consider the **countries** that surround these lines and discuss their **relationships** between one another.
- Compare **tropical** and **temperate climates**.
- Discuss the **weather patterns** in the **United Kingdom**.
- Learn about the **water cycle**.
- Understand the connection between the **weather** and the world's first successful **airplane**.

History

'Sky High - The History of Flight'



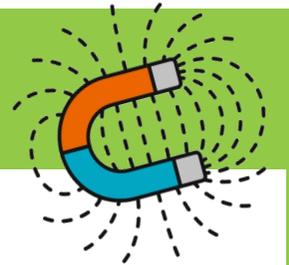
How did we learn to fly like the birds?

Key learning this half term:

- Learn about the first **hot air balloon**.
- Learn about the significance of **Orville** and **Wilbur Wright** in the **invention** of the **aeroplane**.
- Learn about **Leonardo da Vinci's** designs of **parachutes, helicopters** and **flying machines**.
- Learn about the **1986 Voyager**, the first nonstop, **around-the-world flight**, without refuelling.
- Discover women in aviation e.g. **Raymonde de Laroche, Harriet Quimby, and Amelia Earhart**.

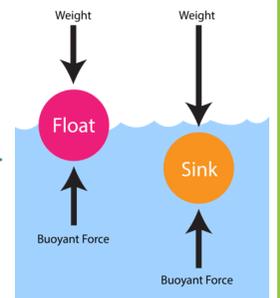
Science

'Forces and Magnets'



Key learning this half term:

- Describe **magnets** as having **two poles**.
- Make predictions about whether two **magnets** will **attract** or **repel**.
- Observe how **magnets attract** some **materials** and not others.
- Understand and investigate **buoyancy**.



Computing

'Research and Presentation'



Key learning this half term:

- Learn the importance of **research**.
- Understand how to **research** from a **variety of sources**.
- Develop the necessary skills to transfer **research** findings into a **presentation**.
- Participate positively in the **online community** including when **sourcing images** for our **projects**.

Online Safety - Cyberpass

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



Physical Education

Amber Class - 'Tennis'

Coral Class - 'Gymnastics with Apparatus'

Amber Key Learning:

- Apply **agility, balance** and **coordination**.
- Develop the use of a variety of **tennis shots**.
- Use **consistent actions** and **movements**.
- Display **good sportsmanship** with an **opponent**.

Coral Key Learning:

- Apply **co-ordination, balance** and **control**.
- Safely apply **skills** to variety of **apparatus**.
- Create a **sequence of movements** which include **apparatus**.
- Successfully work as a **group** and **individually**.

PE Day - Wednesday

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

Design & Technology

'Moving Monsters'

Key skills:

- Investigate **mechanisms** that use **cams, pulleys, handles, axels** and **springs**.
- Understand how these **components** are used to **create movement**.
- Apply knowledge to **design** and **create a toy** that **moves**.



Mandarin 普通话

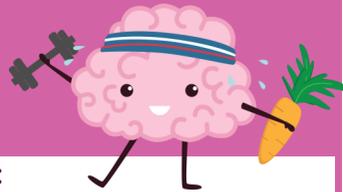


Key learning:

- Engage in **conversations, ask** and **answer questions**.
- **Express opinions** and **respond to opinions**.
- **Read** and understand **words, phrases** and simple **writing**.
- Talk about **feelings** and **symptoms** of being **unwell**.
- Learn about **Chinese culture** of **Music**.

PSHE & RHE

'Healthy Me'



Key learning this half term:

- Understand how **exercise effects** my **body**.
- Know why the **heart** and **lungs** are **important**.
- Understand how the **amount of calories, fat** and **sugar** I **consume** will have an **effect** on my **body**.
- Discuss our knowledge of **drugs** and express our **thoughts** and **feelings** towards **drugs**.
- Identify **things, people** and **places** to **stay safe** from and discuss where to go to for **help**.
- Identify when something **feels safe** or **unsafe** and discuss **strategies** for **keeping safe**.
- Understand how **complex** my **body** is and discuss the **importance** of **taking care** of it.

Religious Education

'Christianity'



Key Question:

What is 'good' about Good Friday?

Key learning this half term:

- Discuss the significance of **Good Friday** the story of **Easter**.
- Understand how and why **Christians** celebrate **Easter**.
- Discuss the importance of **forgiveness**.
- Compare **similarities** and **differences** between **Christianity** to other **religions** and **beliefs**.



Home Learning

Your home learning project is due in school by: Friday 27th March

Use the following websites to practice 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 which demonstrates the water cycle or that shows your choice of climate zone and its animals/plants.
- Create a 3D model of a 'flying machine' this could be modern, historic or your own invention.

Responsibility

Independence

Initiative

Generosity

Curiosity

Perseverance

Optimism

Social Intelligence

The Devonshire Hill Nursery & Primary School
Weir Hall Road
London N17 8LB
020 8808 2053



www.devonshirehill.com