



# Year 3 - Learning Journey

## Spring 1 - 2020

### Maths

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



#### Key learning this half term:

- Compare, order, add and subtract fractions with common denominators.
- Solve problems using complex addition and subtraction.
- Use bar charts, pictograms and tables.
- Apply knowledge of multiplication facts and corresponding division facts.
- Apply practical and informal written methods to multiply and divide two-digit numbers.
- Identify right angles.
- Draw and measure straight lines in centimetre, (cm)

### 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.



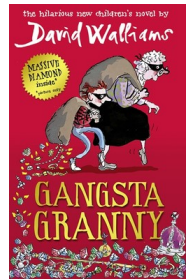
#### Key learning this half term:

- Making inferences and predictions based on the class text.

#### Focus Books this term:

'Gangsta Granny' - by David Walliams

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



### Geography

'South America - Amazon'



#### Key learning this half term:

- Use a world map and the eight points of a compass to locate South America.
- Identify the South American countries and their capital cities.
- Learn about the rainforest layers and recognise the features that make up a rainforest.
- Explain the importance of the Amazon Rainforest.
- Consider the key aspects of human geography and discuss types of settlements and land use for farming.
- Analyse the impact of deforestation on the ecosystem.

### History

'Full Steam Ahead'



How did the industrial revolution impact towns and cities in Britain?

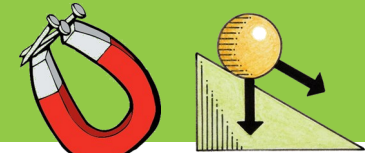
#### Key learning this half term:

- Understand the historical context of the Industrial Revolution.
- Learn about the developments during the Industrial Revolution.
- Discuss how the Industrial Revolution changed the lives of people in Britain.



### Science

'Forces and Magnets'



#### Key learning this half term:

- Compare how things move on different surfaces.
- Recognise the difference between contact forces and non contact forces.
- Observe how magnets attract or repel.
- Identify materials that are magnetic.
- Understand a variety of different forces.



## Computing 'Scratch'



### Key learning this half term:

- Create an **algorithm** for an **animated scene** in the form of a **storyboard**.
- Write a **program** using the software 'Scratch' to create **animation**.
- **Design, write** and **debug programmes** that accomplish specific goals.
- Use **logical reasoning** to predict **outputs** and show an awareness of **inputs**.

### 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 - 'Exploring Dance Genres'  
Coral Class - 'Volleyball'

### Amber Key Learning:

- **Enhance** individual and group **dance** skills.
- Create and perform short **performances**.
- Communicate different **moods** and **feelings**.
- Take **inspiration** from different **times** and **cultures**.

### Coral Key Learning:

- Enhance existing **throwing** and **catching** skills.
- Learn the **rules** and **terminology** required to successfully play **volleyball**.
- Participate in small **team games**.

### PE Day - Wednesday

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

## Art

'Investigating Patterns'

### Key skills:

- **Observe** and **draw** a variety of **forms**.
- Create **patterns** using **printing** and **collaging** techniques.
- Create artwork **inspired** by Gustav **Klimpt**, William **Morris** and Yayoi **Kusama**.



## Mandarin 普通话



### Key learning:

- **Respond** to spoken **conversation** using **sentences**.
- Apply familiar **vocabulary** and **phrases**.
- Introduce and talk about **activities** and **habits**.
- Celebrate **Chinese New Year**.



## PSHCE & RHE 'Dreams and Goals'



### Key learning this half term:

- Discuss, **respect** and **admire** people who have faced **challenges** to **achieve success**.
- Identify a **dream** or **ambition** and discuss how achieving this might **feel**.
- Find the best way to **approach** new **challenges** and create **steps** towards **achieving a goal**.
- Remain **enthusiastic**, **motivated** and **optimistic** when faced with **new challenges**.
- Understand that we are **responsible** for our own **learning** and applying our **strengths to achieve**.
- Recognise **obstacles** and how to manage **feelings of frustration**.
- Identify and **celebrate our successes**.

## Religious Education 'Christianity'



### Key Question:

Could Jesus heal people?  
Were these miracles or is there some other explanation?



### Key learning this half term:

- Discuss what the word '**miracle**' means.
- Learn the **stories** which tell the Jesus' miracles.
- Discuss why **Jesus'** miracles are so important to **Christians**.
- Compare the **beliefs** and **values** of **Christians** at Christmas time to **other beliefs** and **values**.

## Home Learning

Your home learning project is due in school by:  
Friday 31st January

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

- [www.ttrockstars.com](http://www.ttrockstars.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 rainforest, a South American landmark or settlement.
- Create a 3D model which shows the industrial factories or an example of a steam engine.

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](http://www.devonshirehill.com)

