

## Computing

This half term we will focus our learning on:  
**Tinker CAD**

In this unit Year 5 will be using "TinkerCAD" to create 3D printable models. Pupils will learn the skills required to import 2D images and then create 3D versions of them. This involves designing, programming and simulating different components to see how they will respond in real life.



Online safety will be taught in order to encourage safe participation in the online community, including when sourcing images for their projects.

## Religious Education

This half term our focus is:

### Christianity

Year 5 will be learning about the story of Easter. We will be discussing how and why Easter is important to Christians. Pupils will consider the relevance of salvation to the story of Easter.



Our key question this half term will be:

**How significant is it for Christians to believe God intended Jesus to die?**



## Reading

As readers, children take part in daily extended reading lessons, four times a week, based on a reading approach called Destination Reader. <https://www.hackneyservicesforschools.co.uk/product/destination-reader-school>. The main focus of the approach is teaching the key reading strategies which support comprehension and dialogue, through quality texts. We also aim to foster a lifelong love of reading by encouraging our children to read as much and as often as possible.

At the end of each day, the teacher reads a quality text to the children to ensure that they are hearing rich vocabulary daily.

All children are encouraged to read every night for 20 minutes. Completed books should be recorded in the Home Reading Journal which must be signed by a parent/carer.

## Spelling & Home Learning

You will receive a **Home Learning Passport** detailing projects and questions for you and your child to complete at home. All homework is carefully chosen to link closely with your child's school learning.

If you have access to the internet, your child has a unique username and password that they can use to access **Mathletics** and **Times Tables Rockstars**. These online programmes, subscribed to by the school, will help to improve and reinforce your child's maths skills.

**Mathletics** - <http://uk.mathletics.com/signin/>  
**TT Rockstars** - <https://play.ttrockstars.com/>

Spellings will be sent home on **Fridays**. Children will have one week to find out the meaning of each word and learn the correct spelling for their spelling test on the following Friday.

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The Devonshire Hill  
Nursery & Primary  
School

Curriculum  
Information  
Spring 2  
2019



Year 5

The Devonshire Hill Nursery and Primary School  
★★★★★  
**Successful Learners**

## English

This half term the focus text is:

### **'Under the Moon and Over the Sea'**

by John Agard

*This text is a collection of Caribbean poems. 'Sparkling crystal waters and coral beaches, velvet-smooth dolphins and flying fish, whispered ghost stories and the pung-la-la chorus of frogs...the sights and sounds, tastes and tales of the Caribbean come alive in this glorious collection of poetry.'*

We will be adapting writing for a range of purposes and audiences as part of our work across the curriculum.

Children will be writing in different styles and learning how to check and edit and up-level their work.

There will be a strong focus on reading comprehension through **Destination Reader**. We will also be focussing on our handwriting, vocabulary, grammar and spelling.

## Mathematics

Year 5 focus on improving our arithmetic skills and **times tables** knowledge. Pupils can practise their times tables from home using their **Times Tables Rock Star** login. [www.ttrockstars.com](http://www.ttrockstars.com)

Pupils will be:

- Solving multi-step context problems which involve addition and subtraction, we will learn to decide which operations and methods to use and why.
- Multiplying numbers of up to 4 digits by a one or two-digit number using an efficient written method, including long multiplication of two-digit numbers.
- Solving problems involving numbers up to three decimal places and problems which require knowing percentage and decimals equivalents of  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{2}{5}$ ,  $\frac{4}{5}$  and those with a denominator of a multiple of 10 or 25.
- Making and testing general statements, forming hypotheses which we will then investigate further by looking for examples which support our theories.
- Using our knowledge of multiplication and division facts to  $10 \times 10$  to solve calculations including brackets and to apply tests of divisibility.
- Investigating the properties of 3-D solids and 2-D shapes, exploring the different types of triangle, and the shapes that can be made from squares.
- Finally pupils will be sorting data through the use of Venn and Carroll diagrams.

## Mandarin

Year 5 will be developing their vocabulary which will assist them when talking about special dates, for example asking about or telling somebody about birthday dates. Pupils will develop their use of dialogue relevant to the past, present and future.



They will also practice describing an event. Pupils will expand on their understanding of Chinese culture through exploration of traditional styles and characteristics of Chinese architecture. Pupils will make handcraft which relates to Chinese architecture.

## Topic: 'They See the World Like Us'

**Focus Figure:** Claude Monet  
**Focus Text:** 'Monet Paints a Day'  
by Julie Danneberg

Year 5 will be learning about famous artists such as Picasso and Monet. Pupils will improve their painting and drawing skills, using a variety of impressionist art to inspire their own work. We will also have opportunities to create Picasso inspired sculptures and learn to consider how music can influence the art which we create.



## Physical Education

**Year 5** will focus on: **Gymnastics**

Year 5 will develop their co-ordination, balance and control. Pupils will create routines which include their new skills. They will use both peer and self assessment to review and improve their skills.

**PE will be on Wednesdays.**

**All children are required to take part in physical education. Your child must have a school PE kit with plimsolls in school on their PE day.**

**All items in your child's PE kit must be clearly marked with their name.**

At The Devonshire Hill Nursery & Primary School our vision is to equip your child with core academic and social skills needed to be prepared for life.

We teach our children:

Responsibility  
Initiative  
Curiosity  
Optimism

Independence  
Generosity  
Perseverance  
Social Intelligence