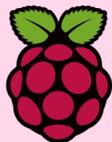


Computing

This half term we will focus our learning on:
Raspberry Pi - Scratch



Year 5 will be designing, writing and debugging **programmes** that accomplish specific goals. Pupils will solve problems by decomposing them into smaller parts. They will use logical reasoning to explain how some simple **algorithms** work and to detect and correct errors in algorithms. Finally pupils will learn how **computer networks** can provide multiple services, such as the **World Wide Web**, and understand how search results are selected.

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

This half term Year 5 will be developing their understanding of Christian **beliefs** and **practices**. Pupils will discuss how Christians show their commitment to God. They will compare this to the similarities and differences of other religions that they have studied in previous terms.

Our key question this half term will be:

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



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
Summer 2
2019



Year 5

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

English

This half term the focus text is:

'Wolf Brother'

by Michelle Paver

'Six thousand years ago. Evil stalks the land. Only twelve-year-old Torak and his wolf-cub companion can defeat it. Their journey together takes them through deep forests, across giant glaciers, and into dangers they never imagined.'

We will also be reading texts relevant to our Topic '**The Holiday Show**' as well as researching our focus figure, **Stelious Haji—laonnou**.

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.

We will be setting our personal targets ready for year 6.

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

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.trockstars.com

This term in maths Year 5 will be using and applying the following areas weekly: addition and subtraction, multiplication and division, measures, geometry, fractions, decimals and percentages.

Pupils will add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction), they will also add and subtract numbers mentally with increasingly large numbers

Pupils will solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes.

They will learn to convert between different units of metric measure. For example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre. Pupils will understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints. Finally pupils will also be measuring and calculating the perimeter of composite rectilinear shapes in centimetres and metres.

We will be setting our personal targets ready for year 6. Across each week we will have **Maths Meetings** to consolidate key areas of mathematics or introduce the new topic that we will be learning.

Mandarin

Year 5 will be developing their vocabulary which will assist them when talking about shopping and spending Chinese currency. For example asking about or telling somebody which shop they have been to, what they bought and how much it cost. Pupils will apply their understanding of dialogue relevant to the past, present and future. Pupils will



expand on their understanding of Chinese culture through exploration of modern Chinese lifestyle. They will also learn about famous Chinese landmarks and tourist cities.

Topic: 'The Holiday Show'

Focus Figure: Stelious Haji—laonnou

Focus Text: 'A Ticket Around The World'
by Natalie Diaz

As part of the Topic Curriculum there will be opportunities for children to use the STEAM Engine.

Year 5 will be learning about our responsibilities as tourists and the impact that our choice of holiday can have on human culture and the environment. Pupils will be researching geographical regions and their human and physical characteristics as well as exploring topographical features of countries and how they have changed over time. They will be using a compass and grid references to build our own knowledge of the United Kingdom and the wider world.

Physical Education

Year 5 will focus on: **Tennis**

Year 5 will develop their control and co-ordination skills they will apply these skills in order to successfully play a tennis match. Pupils learn the correct technique to perform a backhand drive, they will learn techniques used to outwit an opponent and demonstrate the correct technique used to volley.

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.