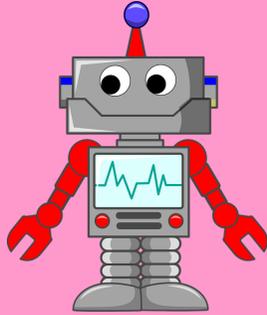


Computing

This term our computing unit is called: **'We are Interface Designers'**.

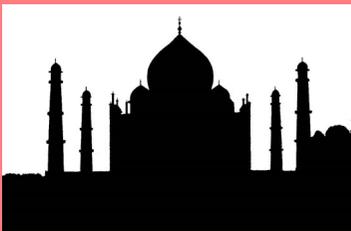
In this unit we will be learning about **User Interface (UI)** and **UI Designers** or **UI Engineers**. **UI** refers to the programming of a **device** which enables interaction between humans and machines or **software**. We will discover which devices use **UI** for example: laptops, home appliances, mobile phones, and other electronic items. We will understand the focus of **UI** and how it is used to maximise user experience. Finally we will learn how designers use **UI** and apply this to our own work.



Religious Education

This half term our focus is: **Islam**.

As a class we will find out what **Ummah** is and why it is important to **Muslims**. The word Ummah is **Arabic** and translates to the English word **'community'**. We will have the chance to discuss the relevance of community across all religions giving the opportunity for pupils in our class to share how community has an important role in their own traditional beliefs.



Reading

Our reading programme is aimed at encouraging children to read to parents/carers every day. All children have been issued with a reading record which should be signed by an adult who has listened to them read. Awards will be issued in assembly for children completing 10, 20 and 30 books.

Please aim to read with your child daily - reading regularly at home helps your child learn more effectively and will improve their vocabulary, spelling, grammar and concentration.

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 at home, your child has a unique username and password that they can use to access **Mathletics**. This online programme subscribed to by the school, will help your child to improve and reinforce their maths skills. <http://uk.mathletics.com/signin/>

Spellings will be sent home on **Fridays**: Children will have 1 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
2018



Year 6

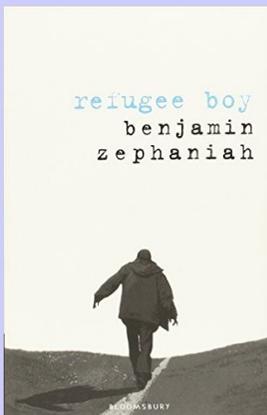
The Devonshire Hill Nursery & Primary School

Successful Learners

English

Focus Text: 'Refugee Boy'
by Benjamin Zephaniah

'Alem is on holiday with his father for a few days in London. He has never been out of Ethiopia before and is very excited. They have a great few days together until one morning when Alem wakes up in the bed and breakfast they are staying at to find the unthinkable. His father has left him.'



We will be writing in different styles linked to the class text; and learning how to check and edit our work. There will be a strong focus on reading comprehension, handwriting, vocabulary, grammar and spelling.

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

During this term, the children will work on the following units of the mathematics curriculum:

- **Problem Solving:** involving the calculation of percentages of whole numbers or measures such as 15% of 360. We will also recall and use equivalences between simple fractions, decimals and percentages, in a variety of different contexts.
- **Coordinates:** which also includes rotation, reflection and translation.
- **Data Handling:** with focus on pie charts, line and bar graphs, calendars and timetables.
- **3D Shapes:** where we will explore all properties and nets of solid shapes. We will also be calculating the area and perimeter of regular and compound shapes.
- We will be using Mathletics to revise key mathematical concepts and strategies.

<https://community.mathletics.com/signin/#/student>

Into University

Year 6 will be participating in the Into University Programme. Pupils will engage in a number of workshops and trips aimed at developing aspiration to help make confident decisions in future educational and career based choices, such as attending university.



www.intouniversity.org/

Topic: 'Fascinating Forces'

Focus Figure: Isaac Newton
Focus Text: 'Who Was Isaac Newton'
by Janet B. Pascal

In this unit we will discover the life and work of **Isaac Newton**. We will learn to identify the effects of **air resistance, water resistance and friction**, and how these forces act between moving surfaces. We will discover how mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.



Physical Education

Azore Class will focus on **Rounders**:

Pupils will develop their fielding skills and their bowling and batting techniques. They will combine these skills in a team to enable them to successfully take part in matches of rounders and kwik-cricket.

Ammolite Class will focus on **Gymnastics**

Pupils will develop their co-ordination, balance and control through linking movements (rolls, jumps, balances) to create sequences. They will improve their peer and self assessment of individual skills and create their own routines.

PE will be on Thursdays.

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.