

## Computing

This term our topic is called:  
**'We are interface designers'**.

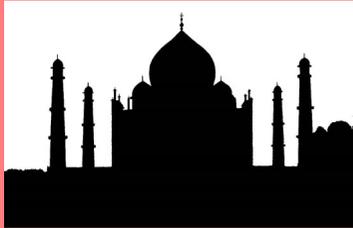
In this unit we will learn that User Interface (UI) is designed by UI Designers or UI Engineers. UI refers to the programming of a device which enable interaction between humans and the machines or software. We will learn about the type of devices which use UI such as: laptops, home appliances, mobile phones, and other electronic items. We will learn to understand that the focus of UI is to maximize the users experience. We will learn how designers use and apply this within their work.

## Religious Education

Our focus this half term is on **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

The school recently launched a reading programme to encourage children to read to parents/carers every day. All children have been issued with a reading record to be signed by the 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 & Homework

You will receive a Homework 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. Homework should be returned by:

**Friday 24th March.**

Spellings will be sent home on Thursdays:

Children will have 1 week to find out the meaning of each word as well as learn the correct spelling for their spelling test.

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The Devonshire Hill  
Nursery & Primary  
School

Curriculum  
Information

Spring 2  
2017



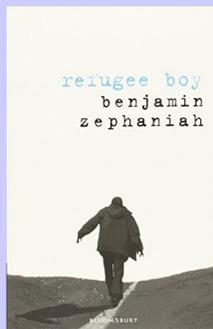
Year 6

The Devonshire Hill Nursery & Primary School  
  
**Successful Learners**

## English

Our focus text this term is:  
**'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.'*



The children will be writing in different styles linked to the class text; and learning how to check and edit their 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.

<http://uk.mathletics.com/signin/>



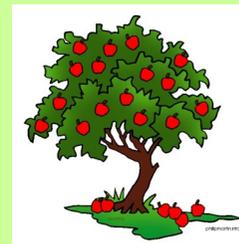
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★★★★★  
**Successful Learners**

## 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. The children will learn that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.



## Physical Education

PE will be on :

alternate Mondays for Azore & alternate Tuesday for Ammolite

Our unit is **'Invasion Games – Ball Handling'**. We will be continuing to develop our dribbling, kicking and controlling skills. We will be improving our ball passing skills using control and practising fast movements to help us get away from defenders quickly. We will use different kinds of passes, disguising our passes and passing a ball to gain space. Finally we will improve our side to side movements to increase our effectiveness.

All children are required to take part in physical education. Please ensure that your child has the correct PE kit (with plimsolls) washed and ready for their lesson.