

## Computing

This term our topic is: **'We are Artists'**.

Using vector and turtle graphics we will explore geometric art, taking inspiration from the work of M. C. Escher, Bridget Riley and traditional Islamic artists. We will also be experimenting with complex 'fractal' landscapes.

Ask your child to explain what they are doing in ICT at school. If you have access to a computer and the internet, please take the time to help your child practice using his/her ICT skills at home. You could also visit Coombs Croft library for free computer access.



## Religious Education

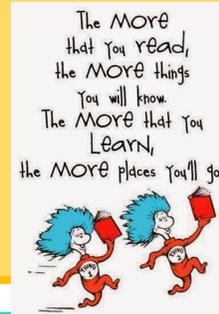
In RE we will be learning about **Judaism**. We will look at the significance of Pesach, an important festival in the Jewish calendar which is celebrated in the home. The Pesach meal develops ideas about freedom. This festival also introduces pupils to Jewish beliefs about their relationship to Israel.

Talk to your child about your own religious beliefs and discuss the similarities and differences between those of Judaism. Look at stories from a range of religions, can your child identify any similarities in the stories?

## Reading

Listen to your child read every day for at least 25 mins. Question them to ensure that the text is understood. Read stories, poems and non-fiction books, and take time to explain the meanings of different words. Visit the local library.

Take your child on trips to places similar to those in the book to help embed the vocabulary which they are experiencing.



## 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 10th February.**

Spellings will be sent home on Fridays:

The children will have one week to find out the meaning of each word as well as 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 1  
2017

Year 5

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

## English

Our focus text is:

***Floodland* by Marcus Sedgwick.**

*Imagine that a few years from now England is covered by water, and Norwich is an island. Zoe, left behind in the confusion when her parents escaped, survives there as best as she can.*



*Alone and desperate among marauding gangs, she manages to dig a derelict boat out of the mud and gets away to Eels Island. But Eels Island, whose raggle-taggle inhabitants are dominated by the strange boy Dooby, is full of danger too...*

There will be a strong focus on handwriting, vocabulary, grammar and spelling as well as developing the children's inferential skills in reading comprehension.

At The Devonshire Hill Nursery and Primary School, we strive to ensure our children are prepared for the world in which they will grow up to live in.

We teach our children:

Responsibility  
Initiative  
Curiosity  
Optimism

Independence  
Generosity  
Perseverance  
Social Intelligence

## Mathematics

We will be rounding any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000, 100 000. We will learn to recognise and use prime numbers, square numbers and cube numbers, and the notation for squared ( $^2$ ) and cubed ( $^3$ ). As well as adding and subtracting fractions with the same denominator and denominators that are multiples of the same number, we will be multiplying proper fractions and mixed numbers by whole numbers. The children will learn to read, write, order and compare numbers up to three decimal places and measure and calculate the perimeter of composite rectilinear shapes in centimetres (cm) and meters (m). We will draw shapes using given dimensions and angles, and identify, describe and represent the position of a shape on a grid following a reflection or translation, using appropriate language. We will also be using Roman Numerals.



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**Successful Learners**

## Topic: Space Explorers

**Focus Figure:** Nicolaus Copernicus  
**Focus Text:** Space Race by Sylvia Waugh

We know that when we look up at the sky we will see the Sun, the Moon and the stars. We take them for granted. Why are they there? What do they do? How do they affect the Earth? Astronomy, like all sciences, is about asking questions. By becoming space explorers, we can find out more about our solar system and the deeper mysteries of the universe. The children will be comparing the size of the planets and their distances from the Sun. They will be finding out about the movements of the Earth, Sun and Moon and how they affect us. They will be classifying and comparing rocks on Earth to those on the Moon.



## Physical Education

Our topic is 'Dance'. In this unit the children will experiment with a range of actions, varying and combining spatial patterns, speed, tension and continuity when working on their own, with a partner and in a group. They will practise and combine longer, more complex dance phrases. The children will understand and explain the need for warm up before any physical activity. They will also be recognising aspects of their work which need to be improved.

**PE will be on alternate Mondays.**

**All children are required to take part in physical education. Please ensure that your child has a school PE kit with plimsolls in school on their PE day.**