

## Geography: All Around the World

In the second half term, we will be looking at where the countries of the world are located, and some of the ways geographers describe locations. The children will learn to locate and describe places using longitude and latitude, and find out about some of the important lines that delineate specific areas of the Earth - the Equator, the Hemispheres, the Poles and the Tropics. Finally, by looking more closely at the lines of longitude, children will develop their understanding of time zones.

## Computing

**Digital Literacy** - Staying safe online and key word searching.

### Scratch - Developing Games

We will be using Scratch to build and edit algorithms for simple games. The children will develop their skills in writing their own algorithms as well as editing and debugging existing codes.

## DT

The children will think about different materials used to make pencil cases and the different ways they are opened and closed. They will learn how to use a variety of stitches including running stitch, whip stitch and back stitch, as well as how to decorate their pencil case creations!

## Art

Our art lessons this term will be linked to Ancient Greek topic work, gets children to study different examples of Ancient Greek pottery, before they design their own pot shape outline in their books. They would then use this as a plan for when they make their pot from clay.



This term our class will be making an Educational visit to support our learning about the Greeks.

## History: Who were the Ancient Greeks?

In the first half term, the children will learn all about who the Ancient Greek people were, where they lived and how they established their empire. They will also learn how the political system worked in Ancient Greece, investigate the legacy of Athenian Democracy and compare it with the political systems we have today.



## RE

**Ourselves** - Created in the image and likeness of God

**Judaism** - Passover

**Life Choices** - Marriage, commitment and service or

**Sacramental Preparation Module** - celebrating Reconciliation - What do Catholics Believe and Do?

**Hope** - Advent: waiting in the joyful hope for Jesus, the promised one.



## PE

**FISCH Project** - The project is delivered in primary schools for approximately 10 weeks, within curriculum time, and includes both physical activity and theory-based sessions in relation to healthy lifestyles.

**Swimming** - The children will begin their swimming lessons after half term until we break up for the Christmas holidays.

**Hockey** - The children will learn how to pass, receive and travel with the ball as well as tackle and shoot. They will develop their understanding of the principles of attacking and defending in invasion games.

## Music

- Weekly ukulele lessons with Jamie.
- Recorder lessons in class.
- Brass lessons with Mrs Mortimer.
- Y5 after school guitar club



Visit the St. Godric's School website to: [www.st-godrics.durham.sch.uk/](http://www.st-godrics.durham.sch.uk/)

✓ Read the latest news, look at photo slideshows and go to the Parents' Zone for more information.



# Curriculum Overview



**Class 4 - Year 4/5 Autumn 2017**

## English

### Speaking and listening:

- Hot seat characters for narrative writing.
- Explore and share exciting vocabulary for narrative writing.
- Role play and drama to explore characters.

### Writing:

#### Traditional Tales - Myths (quests)

- Write a Greek myth focusing on effective characterisation e.g. descriptions (in the style of: a 'Wanted' poster; 'lonely hearts' advert; job application); link dialogue to effective characterisation, interweaving speech and action.

### Recounts

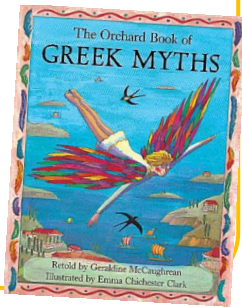
- Compose a biographical account based on research

### Instructions

- Detailed instructions with clear introduction and conclusion.

### Poetry

- Cinquain



## Maths

Some of the things we will cover this term are:

### Number - Place Value:

Read, write, order and compare numbers to at least 1000000 and determine the value of each digit. Count forwards or backwards in steps of powers of 10 for any given number up to 1000000. Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero. Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000. Solve number problems and practical problems that involve all of the above. Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

### Number - Addition and Subtractions:

Add and subtract whole numbers with more than 4 digits, including using formal written methods (column addition and subtraction) Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.

### Number - Multiplication and Division:

Multiply and divide numbers mentally drawing upon known facts. Multiply and divide whole numbers by 10, 100 and 1000. Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. Recognise and use square numbers and cube numbers and the notation for squared (2) and cubed (3)

### Perimeter and Area

### Statistics

## Science

This term in science we will be discovering how vibrations cause sounds and how sounds travel, as well as how sounds can change pitch and loudness. The children will learn about how sounds are made, carrying out demonstrations of vibrations, and completing a sound survey of their school.



In the second half term the children will learn about the differences between solids, liquids and gases, and how different materials can change state.

## Homework



- Number Facts: Children need to know their times tables up to 12 x 12.
- Spellings: A test each Monday and new spellings to be learnt are given out Mondays.
- Reading: To be practiced regularly preferably 15 minutes nightly. Maths and/or English homework will be given out on a Friday to be returned the following Thursday if possible.