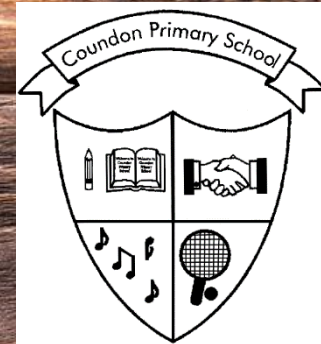


# Spring Term in Year 6



## English

### The Origin of Species

Children will build up to writing a non-chronological report on the Galapagos Islands. Within the lessons building up to the independent write, children will learn how to use direct address, conjunction for opposition and puns.

### Harry Potter

The children will write with the purpose of entertaining their reader. They will explore the features of setting description and write their own ensuring this meets the KS2 criteria.

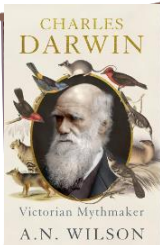
### Wallace and Gromit

In this unit, children will watch a short clip about the contraption the Snoozatron. Using this stimulus, they will write to explain detailing how the Snoozatron works.

### Macbeth

Exploring this Shakespearean masterpiece, children will: rehearse and deliver dialogue through drama; plan a setting description and write a diary entry.

We are reading...



## Discovery

### Natural Disasters

Children will take part in a virtual reality experience to visit a range of volcanoes around the world.

Children will also:

- Use map skills to identify geographical features and patterns.
- Label a volcano and understand its process.
- Research significant volcanic eruptions.
- Compare data about different earthquakes.
- Understand positive and negative effects of living near a volcano.
- Place events in chronological order.

## Key Dates

29<sup>th</sup> January - Year 6 Chinese New Year Assembly

10<sup>th</sup> January Birdman

February Mock SATs week

3<sup>rd</sup>-8<sup>th</sup> March Careers Week

## Maths

### Fractions, decimals and percentages

- Calculate decimal fraction equivalents for a simple fraction
- Recall and use equivalences between simple fractions, decimals and percentages
- Find a percentage of an amount

### Area, perimeter and volume

- Calculate the area of triangles and parallelograms
- Recognise when it is possible to use formulae for area and volume of shapes

### Statistics

- Interpret and construct pie charts and line graphs and use these to solve problems
- Calculate and interpret the mean as average

### Ratio and Proportion

- Solve problems involving the calculation of percentages
- Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts

## Science

### Evolution and Inheritance

- Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.
- Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents.
- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

### Light

- Recognise that light appears to travel in straight lines
- Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.



## Music

### A New Year Carol: Classic or Urban Gospel

In this unit, children will listen to and appraise 'A New Year Carol' by Benjamin Britten. They will engage in rhythm and pitch games as well as vocal warm ups. This will build up to a performance of a version of the song.

### You've Got a Friend: 70s Ballad/Pop

Children will listen and appraise a range of songs written by Carole King (e.g. The Loco-Motion sung by Little Eva). In the unit, children will build their knowledge and understanding about the interrelated dimensions of music. You've Got a Friend is a song all about friendship and children will perform this using instruments.

## PSHE

### Dreams and Goals

In this unit, children will identify their strengths and consider challenging but realistic goals for themselves. They will think about the small steps to achieve these. Children will also discuss how to recognise the achievements of others and give positive praise to others. Working with others to help make a difference is a key element of this unit.

### Healthy Me

This unit will see children explore how to maintain their own physical and emotional health. They will also learn about the difference between types of drugs (e.g. unrestricted and medicines). Discussions around the risks of joining gangs will also be looked at.

## Art

### Take One Picture

In this unit, children will develop their mastery of art and design techniques including drawing, painting and sculpture. This will be with a range of materials- pencil, charcoal, paint and clay. Artists studied will be Henry Moore and Anthony Gormley. The end product will centre on photos of people fixed by ash and Modroc models of bodies in poses in everyday life.

### Artist Study- Picasso

Children will explore the works of Picasso and create their own portrait in the style of Picasso.

## D&T

### Felt Mobile Phone Cases

In this unit children will:

- Design a criteria for a mobile phone case
- Generate a range of design ideas
- Make a paper template
- Organise ideas in a step by step plan
- Practise different types of stitch
- Evaluate a product

## Computing

### Programming: Intro to python

Learning the fundamentals of the programming language of Python, they will test, change and explain what their program does. Children use loops and explain what repeats do and what the parts of the loop do while recognising that computers choose random numbers and decompose the program into an algorithm.

### Data Handling

Children will explore why barcodes and QR codes were created and then create their own QR code. They will also learn how RFID works and type formulas into a spreadsheet. Following this, they will present data and recognise the value of evaluating it.

## PE

### Spring 1

Real gym and Orienteering

### Spring 2

Real gym and Net/Wall Tennis

## MFL

Body parts in Spanish  
Shopping in Spain

## RE

What matters most to  
Christians and Humanists?