



The Key Question that we will be exploring across the Curriculum this term is: **How have prominent Cornish scientists influenced our world today?**



Showcase Week:
The children will record information guides showcasing their learning.



The children will be able to name prominent Cornish scientists and explain how their work and discoveries are still relevant to our lives today.



Our class books for this term will be 'The Hobbit' and 'Skellig'.

Maths:

Our units this term are:

- Number: Decimals
- Number: Percentages
- Number: Algebra
- Number: Ratio
- Measurement: Perimeter, area & volume.
- Measurement: Converting units

Outcomes:

- Understand place value in decimals.
- Multiply and divide decimals.
- Identify, order and convert equivalent fractions, decimals and percentages.
- Find percentages of amounts.
- Use algebra to form expressions and equations.
- Solve one and two-step equations.
- Calculate ratio.
- Use and calculate scale factors.

We will also continue our focus on arithmetic.

PE:

We will have two focus units for each half term.

Spring 1

- Golf
- Invasion games (Rugby with the Cornish Pirates)

Spring 2

- OAA (Orienteering)
- Net & Wall games (Badminton)



- Golf's Ryder Cup is a biannual men's team competition played between the US and Europe. The women's version is called the Solheim Cup.
- Andy Murray has twice won Wimbledon (2013 & 2016). His win in 2013 was the first time a British tennis player had won a Slam since 1977.

English (The Power of Reading)

Where do you go, Birdy Jones?

Eleven-year-old Birdy has a lot of changes going on in her life. She and her father, sister and stepmother (who is expecting a baby) are moving house which means she will no longer be able to help her grandfather with his pigeons and she's transferring to secondary school. All this leads her to search for who she really is, something she can only confide to her school friend Manjit and the mysterious Dogger. Set in Leeds, modern Yorkshire dialect is well integrated within the way Birdy's story is told.

Spring Term 1st Half

- Non-chronological reports based on pigeon racing.
- 'How to' guide to support looking after an animal.
- 'Who Am I?' self reflection writing.

Spring Term 2nd Half

- Poetry writing linked to song lyrics.
- Narrative writing as we look at creating an alternate ending to the story.



- A semi-colon is used to separate grouped items in a list.
- A semi-colon is used to separate two main clauses that are closely related.
- Ellipsis is three dots in a sentence to show the trailing off of thought or to create suspense.
- A metaphor is a comparison between two things which is not true.
- Imagery is when an author uses description and figurative language to create pictures in a reader's mind.

MFL: French

We will be recapping numbers to 12, classroom instructions and body parts. We will also be learning about colours.



- 'Red', 'yellow' and 'blue' are 'rouge', 'jaune' and 'bleu'
- The French numbers (1-10) are: un, deux, trois, quatre, cinq, six, sept, huit, neuf, dix.

RE:

What does it mean to be a Muslim in Britain today? The children will identify key Muslim beliefs and explore the Muslim way of life in Britain today.

For Christians, what kind of King is Jesus? We will explore the Christian 'Kingdom of God' model and consider how this can be applied to issues in our world today.



- There are three Muslim groups; Sunni, Shi'a & Sufi.
- Christians believe Jesus came to Earth to make Earth more like heaven.



Article 31 You have the right to play and rest.



Aspirations / Career focus:
We will learn about the career and job roles of scientists, namely within the medical field.



We are planning a visit to the Royal Cornwall Museum to study famous Cornish scientists.



We will learn about a number of famous Cornish scientists as part of our local history study.



ROSEMELLYN





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History:

A local history study

We will explore famous Cornish scientists of the 18th and 19th century, including Sir Humphry Davy and John Couch Adams, and how their discoveries changed the world and the impact these still have on our lives.

KIRFS

- Sir Humphry Davy was born in Penzance in 1778.
- Davy first pioneered the use of electricity to isolate elements.
- John Couch Adams used mathematics to predict the existence and position of Neptune.

Geography:

The children will describe and understand key aspects of climate zones, biomes and vegetation belts across the globe and how human activity is having an impact upon these.

KIRFS

- Children can name and locate the Earth's major lines of longitude and latitude.
- There are 6 major biomes of the world.

Computing:

'We are Market Researchers'

Children will be researching the ever-growing market of apps in preparation for designing their own.

'We are Interface Designers'

The children will be designing an interface for an app or web page.

KIRFS

I know that GDPR is an acronym for General Data Protection Regulations and that these were enforced in 2018.

Science:

Animals including humans

- identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- describe the ways in which nutrients and water are transported within animals, including humans.

KIRFS

- The heart has four chambers and the left and right sides of the heart are separated.
- Your clenched fist is about the same size as your heart.
- Oxygenated blood is received by the left hand side of your heart.
- De-oxygenated blood is received by the right hand side of your heart.

PSHE:

Spring 1:

Spending Decision.

Exploring risk in relation to gambling.

Spring 2:

Online friendship and keeping safe.

Skills for using the internet safely.

Music:

'A New Year Carol'

Children explore the arrangement of songs as a classic carol is given an urban gospel feel.

'You've Got a Friend'

Using the Carole King hit as a starting point, children compose a simple melody using simple rhythms'

KIRFS

- The pentatonic scale uses the 1st, 2nd, 3rd, 5th and 6th notes of a major scale.



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