

Maths

Length and Perimeter

- Measure in km and m
- Equivalent lengths (km and m)
- Perimeter on a grid
- Perimeter of rectangle
- Perimeter of rectilinear shapes
- Finding missing lengths
- Calculate perimeter
- Perimeter of a regular polygon
- Perimeter of polygons

Decimals

- Tenths as fractions
- Tenths as decimals
- Tenths on a place value chart
- Tenths on a number line
- Divide a 1 or 2 digit number by 10
- Hundredths as a fraction
- hundredths as a decimals
- Hundredths on a place value chart
- Divide 1 or 2 digit number by 100

Fractions

- Understand the whole
- Count beyond 1
- Partition a mixed number
- Number lines with mixed numbers
- Compare and order mixed numbers
- Understand improper fractions
- Convert mixed numbers to improper fractions
- Convert improper fractions to mixed numbers
- Equivalent fractions
- Add two or more fractions
- Add fractions and mixed numbers
- Subtract two fractions
- Subtract from whole amounts
- Subtract from mixed numbers.

History- Maya Civilisation

- To explore where and when the remains of the Mayan civilisation were discovered.
- To find out about how the Mayans civilisation developed over time
- To find out about the city states of the Maya and how society was organised.
- To find out about Mayan religion and beliefs.
- To find out about everyday life for the Mayan people
- To explore Mayan writing and calendars.
- To find out about the decline of the Mayan civilisation.

Science: Seasonal data, electricity, sustainability- energy

- Collect data to analyse how seasons influence animal and plant life
 - Recognise common appliances that use electricity
 - Build and draw series circuits
 - Recognise conductors and insulators
 - Investigate conductivity within a circuit
- Recognise what energy is and how we can reduce our energy usage

Computing: HTML

- To understand and identify examples of HTML tags
- To change HTML code for a specific purpose
- To change the HT<ML and CSS to alter the appearance of an object on the web
- To understand and explore more complex components of a web page
- To alter key elements on a webpage including text and images.

Music: Romans

- To identify the structure and texture of music
- To use body percussion
- To use a tuned percussion to play a chord progression
- To create simple tunes
- To build and improve a composition

English

**Core books: A Life Electric: A Story of Nikola Tesla (Biography)
Farther (Journey story)**

Writing Outcomes

- **Non-Fiction – Biography** - Expanded noun phrases, Use of headings and subheadings, Appropriate themes, 1st, 2nd and 3rd person, Subordinating conjunctions, Repetition, Complex sentences, Metaphors, Personification, Paragraphs, Adjectives and verbs, Correct use of tense, Write/edit/redraft/publish
- **Fiction- Journey Story-** verbs, adverbs, metaphors, inner thought/ repetition for effect, similes, feeling/touch, complex sentences, feeling sentences, dialogue, pathetic fallacy, Correct use of tense, Write/edit/redraft/publish

Spring 2 **This term our topic is on:** **The Mexican Mayan**



R.E: Christianity

Theme: Easter-

Concept: Salvation

Key Question: Is forgiveness always possible for Christians?

- To explore what it means to forgive and be forgiven
- To analyse biblical texts on forgiveness
- To explain how Jesus demonstrated forgiveness
- To understand Christian beliefs on forgiveness
- To evaluate the possibility of always being able to forgive
- To reflect on our own behaviour

Design and Technology

Textiles – Fastening

- To identify and evaluate different types of fastenings
- To design a product to meet design criteria
- To make and test a paper template
- To assemble a book jacket
- To evaluate and assess design skills

P.E

Dance: Cats

Cats

- explore movement through improvisation, introducing unison and matching.
- apply a canon into our movements when performing as two contrasting characters.
- build on the character work from suggested sequence of learning part 2, adding drama and emotion to our dance.
- extend dance skills by using more complex interacting movements and actions and incorporate apparatus.
- bring together pupils choreography from suggested sequence of learning part 4.
- experience dancing like a 'cat' in a group performance.

Invasion: Hockey

Hockey

- refine dribbling in order to keep control and possession of the ball.
- refine passing and receiving in order to keep possession of the ball.
- apply prior learning of passing and dribbling to create an attack that results in a shooting opportunity.
- develop passing and dribbling to create space to create an attack that results in a shooting opportunity.
- defending (intercepting, blocking and tackling) and how this can be applied during a game to prevent attacking opportunities.
- bring together the suggested sequence of learning into a level 1 tournament.