



# Year 5 Spring Term Curriculum Map

## MATHS

**Written methods for multiplication (including long multiplication) and division, multiplying fractions by integers, finding fractions of amounts and quantities, tenths, hundredths and thousandths, decimal and fraction equivalents, comparing and ordering decimals**

### Key Vocabulary

multiple, factor, product, divisor, dividend, quotient, remainder, unit fraction, non-unit fraction, proper fraction, improper fraction, mixed number, integer, tenths, hundredths, thousandths, decimal places, equivalent, order, compare, area, perimeter, rectilinear shape, compound shape, regular polygon, irregular polygon

## MUSIC

### Rhythm

#### Key Vocabulary

Rhythm, genre, time signature, notation, musical arrangement, structure, texture, compose, composition, perform, performance

### Pitch

#### Key Vocabulary

pitch, genre, notation, musical arrangement, structure, texture, compose, composition, perform, performance

## COMPUTING

**Physical Computing – Lighting Sequence for Launch**

### Key Vocabulary

Micro-controller, components, LED, Sparkle, crocodile clips, connect, battery box, program, repetition, infinite loop, count-controlled loop, forward, reverse

**Data and Information – Databases**

### Key Vocabulary

Database, data, information, record, field, sort, order, group, order, sort

## ENGLISH

### Key Texts:

- This Rock That Rock - Poetry
- The Last Bear – internal monologue, diary, flashback
- The International Space Station – explanation text
- Hidden Figures – Persuasion
- The Space Centre – Information text / non-chronological report

### Key Vocabulary

complex sentence, relative clause, parenthesis – brackets, commas, dashes, adverbial, inverted commas, cohesion, paragraphs, conjunctions, figurative language, similes, metaphors, idioms,

## HISTORY

### Raiders and Invaders

#### Key Vocabulary

raid, Anglo-Saxon, Viking, ruler, capture Kingdom, settled, overrun, reign, battle, Danelaw, Wessex, West Mercia, Kent advised, Danegeld, resources, pagan, Christianity, runes, Courts, crimes, justice, punishment, *guilty, innocent*, outlawed. Battle, Wessex, defeat.

## GEOGRAPHY

### Should I climb Mount Everest?

#### Key Vocabulary

glacier, crevasse, mountaineer, Sherpa, Himalayas, Mount Everest, diverse (weather conditions), precipitation, climate, conditions

## PE

**Dance  
Drumba**

**Gymnastics  
Invasion games**

## SCIENCE

### The Earth, Sun and Moon

#### Key Vocabulary

Earth, Sun, Moon, (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune), spherical, solar system, rotates, star, orbit, planets

### Forces

#### Key Vocabulary

Force, gravity, Earth, air resistance, water resistance, friction, mechanisms, simple machines, levers, pulleys, gears, push, pull, move, opposing balanced, unbalanced, Newtons

## ART & DESIGN

### Space artwork in the style of Peter Thorpe

#### Key Vocabulary

blend, mix, line, tone, shape, abstract, pattern, smudge, light dark, shadow

## DESIGN & TECHNOLOGY

### Design and make battery powered moon buggy

#### Key Vocabulary

designer, design, construction, evaluate, frame, axles, wheels, pulleys, belts, spindles, rotation, mechanisms, accuracy, component

## SMSC/PSHE/RE/RHE

**Why do Christians believe Jesus was the messiah?**

**What makes up a person's identity?**