

## English

### Reading:

\*Continue to read increasingly wide range of fiction, poetry, plays, non-fiction and reference books, structured in different ways, referencing our literary heritage, and other cultures and traditions

\*Further develop use of skills and understanding of vocabulary, inference, prediction, explanation, retrieval and sequencing: VIPERS); formally present views, debate, separate fact/opinion

### Writing:

\*Spelling: more prefixes/suffixes, etymology, morphology, Y6 rules.

\*Handwriting: write legibly, fluently and with increasing speed.

\*Composition: identify audience, develop ideas with research & author reference, select vocabulary, use character, atmosphere and dialogue to advance action, precis longer passages, wide range of cohesive devices, further organisational and presentational devices, evaluate/edit-enhance effect. Entertain, inform, persuade, discuss.

\*Vocabulary, grammar and punctuation: Formal speech, subjunctive forms, passive, modal and perfect verbs, relative clauses, comas, hyphens, brackets, semi-colons, colons, bullet points.

## RE

\*Creation and science: conflicting or complementary?

\*How does faith help people when life gets hard?

\* Why do some people believe in God/some people not?

\*Why do Christians believe Jesus was the Messiah?

\*How Christians decide how to live - what would Jesus do?

\*What does it mean to be a Muslim in Britain today?

## Computing

\*Computing Systems & Networks - Internet communication

\*Creating media - Webpage creation; 3D modelling

\*Programming - Variables in games; modelling; sensing

## PE

Dance, gymnastics, athletics and dodgeball.

Basketball, netball and handball (invasion), tennis (net wall), gold (target) and rounders.

## Science

**Life Lab: Classification:** Children will build on their learning about grouping living things in Year 4 by looking at the classification system in more detail.

**Extraordinary Evolution:** Children will build on what they learned about fossils in the topic on rocks in Year 3 and find out more about how living things on earth have changed over time.

**Light Fantastic:** Children will build on the work on light in Year 3, exploring the way that light behaves, including light sources, reflection and shadows.

**Exciting Electricity:** Children will build on their work in Year 4, constructing simple series circuits to help them to answer questions about what happens when they try different components.

**Amazing Anatomy: The Circulatory System:** Children will build on learning from Y3&4 about the main body parts to understand how the circulatory system enables the body to function.

## Year 6 Curriculum Overview

2022-2023



## Music

Festivals: Christmas, Summer; World Music Share - Rock 'n' Roll

\*Can music be used to depict artwork? Composition inspired by Mussorgsky

\*Is clapping music? Introduce Modern era, features & influential composers

\*Can music be used to enhance a film? Composition by cinematic film scores

## Art

\*Drawing - Op art -line, shape, cross hatching, pointillism (Bridget Riley)

\*Painting - painting techniques - sprayed art, acrylic paint on canvas (Banksy)

\*Sculpture - Recycled sculptures - design, create, evaluate 3D sculpture (Gormley)

## DT

\*Electrical Systems - Electrical circuits - explore renewable energy sources.

\*Textiles - Combining different fabric shapes - explore different joining sewing stitches (over back, cross, blanket) to design, make & evaluate a mobile phone cover.

\*Cooking and Nutrition - Celebrating seasonality - design and plan a vegetarian diet.

## PSHE:

**Being Me In My World** - choices, consequences, rewards. **Celebrating Difference** - perceptions of normality; disability. **Dreams and Goals** - personal learning goals; success. **Healthy Me** - substance abuse; exploitation. **Relationships** - mental health, power, control. **Changing Me** -physical attraction, respect consent.

## Mathematics

**Numbers and place value:** Read, write, order, compare numbers to 10000000, round, use negative numbers in context, calculate across zero

**Addition, Subtraction, Multiplication and Division:** Multiply multidigit numbers up to 4 digit by 2 digit numbers using formal written long method; similarly in division using long & short formal written methods. Identify common factors, multiples and prime numbers; +/--multistep problems.

**Fractions:** Use common factors to simplify fractions; +/- fractions with different denominators and mixed numbers; multiply pairs of proper fractions, writing the answer in its simplest form; divide proper fractions by whole numbers; calculate decimal equivalents, multiply and divide with decimals.

**Ratio & Proportion:** solve problems - relative sizes, percentages, scale

**Measurement:** Convert and problem solve up to 3dp; convert miles/kilometres; use formulae for area/perimeter; area of parallelograms, triangles

**Shape and Geometry:** Create 2D shapes, make 3D with nets, classify shapes by property; explain radius, diameter, circumference of circles; describe position on 4 quadrant grid; draw/translate shapes in coordinate plane, reflect in axes

**Statistics:** Interpret/construct pie charts and line graphs; calculate the mean as an average.

**MFL Spanish:** Classroom routines, clothes, opinions, occupations, where we live, alphabet, accommodation, transport, places to visit.

## History

\*Tudor England: Which Tudor Monarch had the most significant impact on Britain: Henry VIII or Elizabeth I? Theme in British history that extends chronological knowledge beyond 1066.

\*Industrial Revolution: What was Birmingham's contribution to the Industrial Revolution? A local history study.

\*Votes for Women: How did women gain the right to vote in Britain? Theme in British history that extends chronological knowledge beyond 1066.

## Geography

\*Earthquakes: Why is Nevada prone to earthquakes? Locational knowledge

\*Alaska vs Galapagos Islands: Is tourism good or bad? Human and physical geography; place knowledge

\*Economic Trade: Why is global trade important with America? Human and physical geography; place knowledge.