

**Maths**

**Number**

Solve problems involving addition, subtraction, multiplication and division.

Use their knowledge of the order of operations to carry out calculations involving the 4 operations.

**Fractions, Decimals and Percentages**

Use equivalent fractions, decimals and percentages.

Solve problems involving the calculation of percentages.

Multiply one-digit numbers with up to 2 decimal places by whole numbers.

Add, subtract, multiply and divide fractions.

Use common factors to simplify fractions and use common multiples to express fractions in the same denomination.

**Ratio and Proportion**

Solve problems involving scale, the relative sizes of two quantities and unequal sharing.

**Algebra**

Express missing number problems algebraically.

Generate and describe linear number sequences.

Use simple formulae.

**Geometry**

Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius.

**Measurement**

Calculate, estimate and compare volume of cubes and cuboids using standard units.

Recognise when it is possible to use formulae for area and volume of shapes.

Use, read, write and convert between standard units, converting measurements of length, mass, volume and time.

**Music**

Preparation for the Year 6 production of Peter Pan

Continue with BandLab projects

**Languages**

**French**

Discuss healthy and unhealthy snacks.

Name healthy lifestyle activities.

Follow a healthy recipe in French.

Create a healthy recipe of their own.

Give instructions in French.

Preparation for French Residential.

Languages Project.

**Spanish**

Explore a Spanish city/ Spanish speaking country.

Learn holiday vocabulary such as transport, weather and activities.

Learn the past tense.

Write a holiday review.

**Latin**

Write Latin words, phrases and sentences to communicate meaning

Develop an appreciation of the Latin language and culture through the reading of short stories

**Geography**

**Countries around the World**

Children will be comparing four countries from around the world.

They will compare physical and human features including:

- Location
- Climate
- Cities and towns
- Rivers and lakes
- Mountains ranges
- Population density
- Economy
- Ways of life
- Animals and plants
- Climate Change

**Art**

**Painting**

Be able to identify and demonstrate a variety of mixing and painting techniques and use key vocabulary to demonstrate knowledge.


Explore the work of artist David Hockney and understand the inspiration for his work.

Create an individual piece of artwork inspired by David Hockney with particular focus on his use of perspective within his paintings.

**Collage / Printing /Textiles**

Use a variety of techniques, e.g. printing and dyeing, to create different textural effects linked to art around the world.

Add collage to a printed/dyed background .



**Year 6**

**Summer Term**

**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 bodies function

Describe the ways in which nutrients and water are transported within animals, including humans.

**Scientific Enquiry**

Learn how to work scientifically and understand scientific investigations.

**English**

**Writing**

Techniques for creating tension and suspense

Techniques for conveying emotion e.g. show-not-tell

Writing character monologues from different perspectives

Persuasive writing

**Grammar / Punctuation**

Revisit and consolidate skills from autumn and spring term

**Texts and Short Animated Films**

Wonder by R.J. Palacio

Alma

**Spelling**

Nelson Spelling Units 22-27

**RPE**

**Philosophy and Ethics**

Explore a variety of questions and encourage reasoning and deep thinking.

Develop spiritual and moral thinking, speaking and listening skills.

Themes include:

- Moral motivation
- The ethics of care, identity, responsibility and citizenship
- Biological determinism
- Ontology, existence, being, sense and reference
- Identity and change/flux
- Philosophy of time
- Philosophy of time travel

**PSHEE**

**SRE—Changing Me**

My Self image - Being aware of self-image and how body image fits into that.

Puberty - Understand how girls' and boys' bodies change during puberty and understand the importance of looking after yourself.

Babies - conception through to birth.

Boyfriends and Girlfriends - Understand that being attracted to someone changes the nature of the relationship.

Real self and ideal self - Become aware of the importance of a positive self-esteem and how to develop it.

The Year Ahead - Identify what to look forward to and what worries there might be about the transition to senior school.

**History**

**20th Century History**

What was life like for the soldiers at the front line and for the families back home?

What events lead to USA joining the war?

How did the war end?

What was the Space Race?

Who won the Space Race?

Investigating important figures in space exploration.

Exploring chronology and understanding the different periods in history.

**PE / Games**

**PE**

Athletics

Swimming

**Games**

Athletics

Cricket