

**Technology Rotation**

**ICT**

Understand programming skills relating to Scratch.

**Textiles**

Explore textile processes including using designing and making an end project.

**Food Tech**

Use a variety of cooking processes, including preparing ingredients and using kitchen equipment, as well as the importance of healthy eating and the core principles of nutrition.

**Design & Technology**

Use skills to design and make the set and characters for an animation using HUE Animation and models.

**Maths**

**Statistics**

Interpret and construct pie charts and line graphs.

Use pie charts and line graphs to solve multi-step problems.

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

Calculate and interpret data including understanding and working out the range, mode, median and mean.

**Geometry**

Draw 2-D shapes using given dimensions and angles.

Recognise, describe and build 3-D shapes, including making nets.

Compare and classify geometric shapes based on their properties and sizes, and find unknown angles in any triangle, quadrilateral and regular polygon.

**Reasoning and Investigative Maths**

Explore problem solving and reasoning activities based on objectives covered throughout the year.

**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 Indian Art—Mathangi Sundararajan.

Add collage to a printed/dyed background .

**English**

**Writing**

Character monologues

Narrative writing

Variety of short writing tasks

Film Critic Reviews

Create own storyboard/animation ideas

Letter to Year 5 pupils

**Grammar / Punctuation**

Revisit and consolidate skills from Autumn and Spring term

**Short Animated Films**

Alma

The Present

The Piano

**Spelling**

Nelson Spelling Units 22-28

**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.

**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.

**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.

**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



**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.

**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

**History**

**A Night at the Movies—A History of Film**

Who are considered the pioneers of the film industry?

When did sound feature in films?

When did colour feature in films?

Were there any advancements between 2D and 3D film?

When was the birth of animation?

How has technology evolved the production of film?

The rise of Bollywood

**Music**

Preparation for the Year 6 production of The Lion King.

History of early musicals.

**PE / Games**

**PE**

Athletics

Swimming

**Games**

Athletics

Cricket

