



The Lyceum

Year 6

The Swinging Sixties

Maths

Ratio and Proportion (calculation of percentages and the use of percentages for comparison)

Statistics (pie charts and averages)

Measurement (convert between standard units of length, mass, volume and time, convert between miles and kilometres, formulae for area and calculate, estimate and compare volume of different shapes)

Number (mental calculations with mixed operations, common multiples and prime numbers)

Mental Arithmetic and Problem Solving Puzzles

Open-ended Investigations and Challenges involving:

- Budgeting
- Time Conversion Graphs
- Time word problems
- Annual Salaries
- Mortgages
- Bills
- Hourly Rates

English

Spelling, Punctuation and Grammar

- Use directed and reported speech
- Use a thesaurus
- Use colons and semi-colons correctly
- Use passive verbs
- Recap Year 6 spelling words list
- Spelling words with the following suffixes:- ible, -able,- ence, -ance, - cial and tial

Non-fiction

- Biographies
- Persuasive Writing – Advertisements of inventions (linked to STEAM learning)

Fiction

- Creative Writing through Classic Fiction (Alice in Wonderland)

Poetry

- Using figurative language (linked to Sustainability Week)

Science

Evolution and Adaptation

- Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- Recognise that living things have changed over time
- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution
- Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago

Living Things in their Habitats

- Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals.
- Give reasons for classifying plants and animals based on specific characteristics

Working Scientifically

- Identifying scientific evidence that has been used to support or refute ideas or arguments
- Record the results of a survey using a classification key
- Report and present findings using appropriate scientific language



Year 6 The Swinging Sixties

Art

Modernism to post modernism – art from post World War 2 to the end of the 20th Century

- Pablo Picasso
- American abstract expressionists
- Pop artists
- Post modern art and architecture

RE

Sikhism: How are sacred teachings and stories interpreted by Sikhs today?

- What a Sikh/non-Sikh might learn from a Sikh story
- How the teachings and example of one of the Gurus changed women's rights in Sikhism
- Recognise that stories can be an important way of expressing belief and meaning and can explain the relevance of a Sikh story

Humanism:

- How do inspirational people impact on how Humanists live today?
- How Albert Einstein, Charles Darwin and Alice Roberts might inspire a Humanist and why

Spanish

¿Qué quieres ser de mayor? / What do you want to be when you grow up?

- Professions and jobs
- Me gusta/gustan... (I like...)
- 1st, 2nd, and 3rd person of the verb 'Llevar' (To wear), 'Querer ser' (To want to be), 'Jugar' (To play) and 'Tener' + 'Ser' and 'Estar' (To have + To be*)

Spanish-speaking countries: **Bolivia**

Geography/History

- Toys, Fashion and Music in the 1960s
- John Lennon (his childhood, teenage years, career and death)
- The Beatles- their popularity and split
- Liverpool – location study

Trips/Events

- Málaga residential
- Happiness Day
- Sports Day
- Year 6 parent afternoon tea
- Year 6 leaver's assembly

PSHE/RSE

Relationships

- What is mental health?
- My mental health
- Love and loss
- Power and control
- Being online- real vs fake? Safe vs unsafe?
- Using technology responsibly

Changing Me

- My self-image
- Puberty
- Babies- conception to birth
- Boyfriends and girlfriends
- Adolescent friendships
- Real self and ideal self
- The year ahead



Year 5 The Swinging Sixties

STEAM

Creating wearable interactives that illuminate using different input methods including: -

- Sound
- Movement
- Algorithmic
- Direction

What did the 60s do for us?

Investigating innovative technology of the 1960s

Transistorisation

Minaturisation

Building a 60s inspired piece of technology

Computing

- An introduction to Python coding.
- Using basic code to construct a simple algorithm that includes inputs, variables and conditionals.
- Data collection and analysis using a micro bit and Chromebook.
- E Safety

Music

- Jazz giants
- Composing in ternary form (SingUp)
- Alice in Wonderland the ballet

PE

- Cricket
- Rounders
- Athletics
- Tennis

Drama/Dance

- Consolidating their knowledge of patterning and spatial awareness
- Continuing to work on the contrast of dancing in unison and canons
- Implementing the technique and showcasing this in their dances for Summer Pudding.

Yoga

- Learning a sun salutation and how to link asanas into a vinyasa flow whilst maintaining breath control.
- Focusing on stillness during breath control technique for relaxation and mindfulness.
- Breathing through finger touch, the three threes, and learning the tension and relaxation technique.