Computing - Computing Systems & Networks
Investigating how search engines work and developing effective searching skills to find relevant and accurate information online.

PE - Tennis
Co-ordination, forehand, back hand, aim and accuracy.

Dance
Co-ordination and creativity. Learning different styles of dance.

ART - Painting & Mixed Media: Expressive Portraits
Exploring how artists use self-portraits to communicate identity. Identifying atristic choices and interpret art. Experimenting with words, symbolism, expressive painting and monoprinting. Combining techniques in a final mixed-media media portrait.



Topic Web
Autumn Term 2

Maths - Multiplication and Division
Multiples & Factors: Identifying multiples, finding factor pairs, and determining common multiples and common factors for sets of numbers.
Prime Numbers: Recognising and identifying prime and composite numbers up to 100.
Square & Cube Numbers: Understanding the concept and notation for square numbers (x^2) and cube numbers (x^3), frequently using visual arrays to model them.
Powers of 10: Mastering the rules to multiply and divide whole numbers and decimals by 10, 100, and 1,000.

Fractions
Finding equivalent fractions for both unit and non-unit fractions.
Converting improper fractions to mixed numbers and vice versa.
Comparing and Ordering fractions
Adding and subtracting fractions with the same denominator. Adding and subtracting fractions where one denominator is a multiple of the other.Adding and subtracting mixed numbers, including strategies like "breaking the whole" to complete complex subtractions.

Geography - What is life like in the Alps?

Locate the world's largest mountain ranges on a map, focusing on the countries that the Apls spread through. Describe the climate of the area by looking at the biomes of the world.
Investigate the human and physical features of the Alps. Investigate tourism in the Alpine region and compare to our local area

RE - How do rites of passage shape the lives of different Christians?
Life is full of significant moments that mark a new beginning and often change people or symbolise a change. Whatever people's beliefs are, they usually celebrate the biggest moments in life's journey. These celebrations are called 'rites of passage'. For Christians, they include birth, deciding to become a Christian, first communion, getting married and death.

Science - Forces - Earth and Space
Learn about how models of our solar system have evolved over time. Describe the movement and shape of celestial bodies in our solar system, inlcuding our moon. Investigate the phases of the moon and how day is experienced at different times around our planet.
Working scientifically to make a sun dial to measure time and investigate how satellites collect data that we can use.

Music: Three-chord Pop
Discovering three-chord pop by learning the bass line, chords and melody. Identifying patterns, playing in time with a track and working together to perform as a group.

PSHE - Valuing Difference
Exploring the quality of friendships, conversations and stereotypes.

Writing
Core Texts - Mars Transmission and The Snowman
Genre - Non-Fiction and Narrative
Purpose - Writing to inform and writing to entertain

VIPERS
Core Text: Malamander by Thomas Taylor

