

YEAR 5

Term 5

Summer 1

Key Vocabulary

English – combine, gradually, perish, resemble convenient, thoroughly
 Maths – polygon, obtuse, acute, perpendicular, axis, translate, reflect, symmetry
 Computing – vector, object, duplicate, manipulate, layer, alignment
 Science – fulcrum, axel, meshing, pulley, resistance, lubrication
 Geography – biomes, exports, fossil fuels, imports, protected origin, Fairtrade
 RE – Khalsa, turban, Maharaja, Gurdawa, Guru, commitment

English

Our writing journey will be completed with the production of a class cookery book. The guide will contain helpful hints, useful information about foods, as well as actual recipes with clear instructions. To ensure our book is user-friendly but informative, we will:

- Research recipes and foods
- Consider layout and structure
- Explore the use of imperative verbs
- Add information using parenthesis – commas and brackets
- Use commas in different sentence structures.

Mathematics

In Year 5 Maths, we will be learning about:

- Shape- drawing, measuring and calculating angles; regular and irregular polygons
- Position and direction – reading and plotting co-ordinates; translation, symmetry and reflection
- Decimals – Adding and subtracting; sequencing; multiplying and dividing by 10, 100 and 1,000

To develop out mathematical thinking and learning, we will use concrete, pictorial and abstract representations, as well as apply our skills to reasoning and problem solving.

Science

Our Science unit will use knowledge of forces and motion to design a Farming machine of the future. Gaining an understanding of forces will help us predict and control physical changes which will affect our design. We will investigate friction, gears and chains, pulleys and belts, as well as levers to inform the design, by testing, observing and collecting relevant information.

Computing

In our computing unit, we will be creating vector drawings by using different drawing tools. We will explore the use of lines and shapes to create each individual element of a drawing, applying layering, grouping and duplicating techniques.

RE

This unit will explore how Sikhs show their commitment to God, through a variety of means including worship, clothing and their actions. We will explore historical, religious stories to support our understanding before applying what we learn to an aspect of our lives today.

PE

In PE this term, we will be doing gymnastics and continuing with Athletics. Gymnastics will require us to practise our spatial awareness skills and use our muscles to change our body shape and perform different skills. Athletics will build our running, throwing and jumping

Spanish

We will create and become space travellers and astronauts, creating our own IDs with character information. Through songs, stories and independent tasks, we will learn and use new adjectives to describe the planets we will discover on our space journey.

Geogrpahy

Our Geography unit will consider the process of importing and exporting products. We will explore the trade journeys of the food and materials which make up our school uniforms and lunches, as well as the areas in which they are grown and produced. Consideration will also be given to the impact on the economy and industry of each country.

Art

Our Art journey will take us to East Asia and explore the different ways in which the Chinese express their culture, history and traditions through art. Using a variety of different art forms as stimulus, we will create our own pieces of art which will form a Year 5 Art Exhibition at the end of term.

PSHE

In PSHE, we will be considering careers, financial capability and economic wellbeing - borrowing and earning money. To support our understanding of the financial world around us, we will be developing our own enterprise which can earn money.

Music

With a focus on *Music at the Movies*, we will explore and create musical sound effects to accompany a variety of different animations and films. In our own compositions, we will create melodic sequences represented by graphic notation and including changes in tempo to reflect character actions.

Learning to Learn

With a focus on imagining this term, we will explore beyond boundaries and generate new concepts using ideas that are real and imaginary. We will explore how our imagination allows greater freedom and flexibility to seek out unique possibilities.

