

Class 4 Curriculum Spring A

Maths

★ Fractions and Ration

Using ration language, ratio symbol, calculating ratio, using and calculating scale factors, problem solving

★ Decimals and Percentages

Decimals to 2 d.p., decimals as fractions, thousandths, 3 decimal places, round, order and compare, multiplying and dividing decimals by 10, 100 and 1000, multiply and divide by integers, fractions to decimals, understand percentages, percentages as fractions and decimals, equivalence, percentages of amounts, adding and subtracting decimals.

★ Algebra (Y6)

Find 1 and 2 step rules, forming expressions, substitution, formulae, forming equations, solve ½-step equations, find pairs of values, enumerate possibilities

English

Fiction:

- ★ Modern Quest –Yonder Mountain
- ★ Narrative (Alma)

Non-fiction:

- ★ Explanation Text (the Mayan ball game)

Science

Living Things and Their Habitats

★ We will learn about the life cycles of animals and plants in this unit, comparing them to find differences.

We will learn about reproduction in plants and investigate different methods of pollination to find out why not all seeds are made the same way.

RE

Why do people travel to sacred places?

★ This term we will be considering the reasons why people make pilgrimages, and examining how faith plays a part in this.

The Amazing Americas

This term we will be exploring the life, culture and history of the Americas. In History, we will look at the history of the Maya and other ancient American peoples, exploring where they originally came from, their migration patterns and culture. In DT, we will make and evaluate foods from the Americas, learning a range of cooking skills and precise evaluation criteria.

PE

Netball and Dance

This half term the children will be learning skills and rules in netball, as well as learning a dance routine, putting their own sequence of steps together to create a final product.

Computing

Y5: Selection in Physical Computing

Learners will use physical computing to explore the concept of selection in programming using a Microbit

Y6: Variables in Games

This unit explores the concept of variables in programming through games in Scratch



PSHCE

VIPs

★ Children will identify who their VIPs are within their families and friendship groups and how important kindness and respect are within these relationships. The unit addresses conflicts and resolutions in relationships. The children will also look at the secrets and dares as well as healthy and

Music

Exploring Key and Time Signatures

★ We will learn how key and time affect how music is performed.

French

This is France

★ We learn about the location of France, famous French people and all about Paris!

Maths

★ Measurement: Converting Units

Convert between and use units for mass, length, volume, time and money, recognise and convert metric and imperial

★ Area, Perimeter and Volume

Measure and calculate perimeter, area of shapes,

Rectilinear shapes/parallelograms and triangles,

estimate/calculate volume and capacity

★ Statistics

Read and interpret tables, line graphs and timetables/pie charts, mean, median, mode and range

English

Fiction:

★ Macbeth – Diary entry and playscript

★ Titanium (Story from a video)

Non-fiction:

★ Macbeth's death (Newspaper article)

★ Trial of Macbeth (Debate)

Science

Evolution and Inheritance

★ Children will learn about variation and adaptation. They will be able to explore how both Charles Darwin and Alfred Wallace separately developed their theories of evolution. They will examine the scientific evidence from plants and animals that has been gathered to support the theory of evolution.

PSHCE

One World

★ We will explore the ideas of sustainability, the use of the earth's natural resources and the harmful effects of global warming. In this unit, children also learn about the steps they can take to reduce these harmful effects. They will also learn about biodiversity and its importance and explore how to make the world a better place.

The Amazing Americas

This term we will be exploring the life, culture and history of the Americas. This half-term, we will look at the physical and human geography and climate of California, and consider the impact of these on the population. In Art, we will explore the work of Frida Kahlo and learn techniques to make an effective collage.

PE

Football and Dodgeball

Children will learn sequences of skills that combine for effective game play, as well as developing teamwork to ensure every member of the team plays an important role.

French

All in a day

★ In this unit, children will learn how to use time in increasingly-precise units, including the 24 hour clock. We will look at timetables in the context of an airport and school.

RE

Why are Good Friday and Easter Day the most important to Christians?

★ We will learn how the events of these two days impact on the lives of Christians and shape their faith.

Computing

Flat-File Databases

This unit looks at how a flat-file database can be used to organise data in records. Learners will use tools within a database to order and answer questions about data. They will create graphs and charts from their data to help solve problems.



Music

Introducing Chords

★ In this unit, we will learn how harmonies are used in music and explore how to create chords of our own which compliment a melody.