



Respect Resilience Responsibility

Curriculum Information for Year 4/5—Autumn 2022

This term we will...

Maths:

Learn to:

- Partition numbers up to 10 000.
- Place numbers on a number line up to 10 000
- Add and subtract 4 digit numbers using written methods
- Recite x and ÷ facts for 3,6,7,9,11 and 12 times tables
- Find 1, 10, 100 and 1000 more or less than a number
- Order numbers to 10 000
- Compare numbers up to 10 000
- Round to the nearest 10,100 and 1000
- Read Roman numerals up to 100

Science

Learn about: Properties and changes of materials

- compare and group together everyday materials
- know that some materials will dissolve in liquid to form a solution
- use knowledge of solids, liquids and gases to decide how mixtures might be separated
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials
- demonstrate that dissolving, mixing and changes of state are reversible changes
- explain that some changes result in the formation of new materials

Learn about: Animals, including humans

- describe the changes as humans develop to old age
- draw a timeline to indicate stages in the growth and development of humans
- work scientifically by researching the gestation periods of other animals and comparing them with humans

English

Learn how to:

- Write to entertain and inform, working on the following texts and skills:
- Poetry—read, write and perform a variety of poems, concentrating on the authors/poets' use of figurative language, punctuation and descriptive techniques.
- Descriptive Writing—further develop their use of descriptive and figurative techniques to create characters/settings of their own.
- Grammar—main and subordinate clauses, relative clauses, expanded noun phrases, adverbials, use of colons, subjects and verbs, types of sentences.

Reading

- The children will read texts as a whole class and practise using various comprehension skills such as inference, deduction, summarising, predicting and retrieval.

Spelling

Learn how to:

- Spell alternative spellings for common prefixes and suffixes

Computing

Learn about:

- Computer systems and networks and how these enable the sharing of information.
- Creating media using vector drawing.

P.E.

Learn:

- How to play tag-rugby—ball-handling and tackling skills, passing, effective teamwork, tactics.
- To develop skills in different athletic events.

Art & DT

Learn how to:

- refine drawing skills to focus on lines and details
- make detailed thumbnail drawings using a pencil or paint
- Colour mix
- explain what a monoprint is

Understand:

- that abstract art is more about shape, colour and expressing feelings than being a realistic depiction
- stencilling, impression and collograph block printing methods

Music

We will be learning about:

- Getting Started with Music Technology. How Does Music Bring Us Together?
- Emotions & Musical Styles How Does Music Connect Us with Our Past?

R.E.

- **Learn** key facts about the life and dates of the prophet Mohammad.
- **Learn** some of the key facts about what Muslims believe.
- **Understand** that Muslim's worship in a Mosque and to recognise the key features of Mosques.

History

Learn about the:

- Chronology through the significant periods of time for Ancient Greeks
- Beliefs of the Ancient Greeks
- Comparison between the city-states of Athens and Sparta
- Birth of democracy in Athens
- Importance of theatre, myths and fables
- Significance of the Battle of Marathon, Thermopylae and Salamis
- Importance and purpose of Olympic Games
- Impact Alexander the Great had on Ancient Greece

Geography

Learn to:

- locate the world's countries, using maps to focus on Europe and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities.
- describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.

French

- **Revise** greetings, months, and numbers to 21
- **Use** words to describe the classroom
- **Discuss** likes and dislikes
- **Talk** about hobbies and activities

P.S.H.E.

- **Understand** why we have rules
- **Learn** about rights and responsibilities
- **Look** at moral and cultural issues and use imagination to understand people's experiences.
- **Look** at how we can resolve differences by looking at solutions.