



Respect Resilience Responsibility

# Curriculum Information for Year 5—Autumn 2021

## This term we will...

### Maths

- Use x facts to derive new facts using place value
- **Read, write, order and compare** numbers to 1000 000
- **Round** whole numbers to the nearest power of ten, hundred and thousand
- **Add and subtract** numbers up to 100, 000 using formal column methods
- **Learn** to multiply and divide numbers using formal written methods
- **Learn** prime numbers up to 100
- **Learn** about square numbers and cubed numbers
- **Learn** how to work out the perimeter and area of rectilinear shapes

### Science

#### **Learn about: Seed dispersal -**

- Different ways seeds and fruit are dispersed.
- Carry out experiments to see how plants are dispersed successfully.

#### **The Earth, Moon & Space -**

- What causes day and night?
- Year length and the seasons
- The Moon and its cycle
- What is the Solar System and where do we fit?

### English

#### **Learn how to:**

- Write to entertain and inform, working on the following texts and skills:
- Biographical and autobiographical writing—group and structure information within paragraphs for clarity and coherence.
- 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** homophones and near homophones; 'tious' / cious/ xious suffix; words with 'y' sounding 'i'.

### Computing

#### Internet Safety

- **Recognise** what should and should not be shared online
- **Recognise** acceptable /unacceptable online behaviour
- **Identify** ways to report concerns about content and contact.

### P.E.

#### Learn:

- How to play tag-rugby—ball-handling and tackling skills, passing, effective teamwork, tactics,
- How to play football—developing movement, ball control, passing, attacking & defensive teamwork.
- Positive communication, including positive outcomes in competitive matches.

### History

#### Learn:

- That Vikings came from Scandinavia and left their homeland to find new land to raid / farm
- Vikings first landed on the North East coast (Lindisfarne)
- The dates of several battles including Stamford Bridge, The Battle of Eddington, The Battle of Maldon
- And explain how Britain changed through the establishment of the Viking Danelaw.

### Art & DT

#### Learn how to:

- Investigate mixing a range of colours using paint (watercolour, readymix and acrylic)
- Use fabric and explore different to create a Christmas decoration
- Make Viking knots—Odin's Triangle
- Design and make a Viking longboat

### Geography

- **Identify** features on a variety of different maps.
- **Identify** similarities and differences between the North Yorkshire Moors and Hardangervida in Norway
- **Identify** key features of different landscapes

### Music

- **Listen** to different styles of music and begin to talk about it using musical language.
- **Perform** as a group songs about the Vikings and be able to provide simple accompaniment.
- **Learn** about the music of a range of different historically important artists.

### French

- **Revise** greetings, months, and numbers to 31
- **Use** words to describe the classroom
- **Discuss** likes and dislikes
- **Talk** about hobbies and activities

### 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.

### 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.