# Trafalgar Schools' Federation - Year 5 Curriculum Information – Spring Term 1

## English

**Reading**:

Reading is taught through daily reading opportunities: reading within English and other subject lessons; story-time and whole class reading lessons. These follow a regular sequence using the same passage of text over a week, enabling regular opportunities to hear, echo and practise fluent reading. Focus areas include decoding, prosody (reading with expression) and comprehension.

Children will read an exciting range of fiction, non-fiction and poetry this term, including ***Hidden Figures*** (based on non-fiction biographies) and a variety of Odes before writing their own.

**Writing**:

Our writing curriculum will focus on:

- Engaging with a wide range of high-quality texts to support and develop writing across a variety of genres
- Planning, drafting, writing, evaluating and editing
- Writing legibly, fluently, with increasing speed

Main writing outcomes include:

- **Non-Fiction:** Persuasive letter, character descriptions (biographical writing) and report on the moon landing
- **Poetry:** using figurative language to write own poems.

**Grammar and punctuation:**

Spelling Shed's SPAG Scheme, and CGP books, are used to support learning in school and at home, with specific focus for the year on the following:

***Sentence structure:***

- Modal verbs
- Clauses and phrases

***Text structure:***

- Devices to build cohesion within a paragraph
- Linking ideas across paragraphs using adverbials of time, place and tense choice

***Punctuation:***

- Brackets and dashes for parenthesis
- Use of commas to clarify meaning or avoid ambiguity

**Spelling:**

Children are taught spelling through the Spelling Shed scheme, with on-line home learning tasks being given weekly.

## Maths

Key maths concepts, arithmetic and reasoning skills are developed throughout all maths lessons. White Rose resources are used to support progression.

Children are also expected to develop their recall and application of number bonds and times tables (up to x12) by the end of year 4. Key instant recall facts (KIRFS) and times table challenges are used to reinforce maths fluency.

In year 5, children will cover:

**Multiplication and division:**

- Using mental multiplication and division strategies
- Multiplying a 4-digit number by a 1-digit and 2-digit number using short and long multiplication, respectively
- Dividing a 4-digit number by a 1-digit number using short division
- Multiplication and division as inverse
- Solving problems related to the above, choosing an appropriate method

**Fractions:**

- Multiply fractions and mixed numbers by integers
- Calculate fractions of amounts
- Find the whole
- Use fractions as operators

**Decimals and percentages:**

- Equivalent fractions and decimals for tenths and hundredths

## Science

Scientific skills and concepts are embedded and developed in all science lessons and through a range of enquiry types.

Children will also explore the following:

**Earth and space (physics):**

- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- Describe the movement of the Moon relative to the Earth
- Describe the Sun, Earth and Moon as approximately spherical bodies
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

## Other curriculum areas

**Computing:**

- Create a news report using Green Screen technology
- Continuing to develop and embed online safety skills

**Art:**

- Textiles and Fashion exploring design within the home; projects include wallpaper design, shoes, hats and costume design

**History – The Tudors:**

- Explore Henry VIII using evidence from portraits
- Understanding the reasons why Henry VIII broke away from the Catholic Church
- Comparing life for different people in society
- Elizabeth I and the Spanish Armada

**Music:**

- Focus on world music/eras: The Planet Suite by Gustav Holst

**Physical Education (PE):**

- Divided court and invasion games: badminton, tennis, netball, volleyball

**PSHE:**

- Dreams and Goals: aspirations, how to achieve goals and understanding the emotions that go with this

**Spanish:**

- My family: articles, to name different relatives, possessive, to change from 1st person to 3rd person.

**Religion and world views:**

- The children will look at each religion's view of peace and learn about different methods of achieving and creating peace
- The children will compare and contrast the concept of peace across religions, look at symbolic people of peace and well-known symbols of peace before creating their own

## What parents can do at home to help:

- Check your child completes the weekly **home learning** tasks set by the class teacher.
- Listen to your child **read daily** and update their Reading Record.
- Remind your child to learn and practise their **spellings** regularly and to use Spelling Shed's on-line games to help practise tricky words too.
- Look out for half-termly maths **key instant recall facts** (KIRFS) and practise regularly.
- Help develop your child's fluency in their **times tables** up to 12, and associated division facts. Use Times Tables Rock Stars regularly for support.

## Links to support learning and wellbeing:

Please ensure your child accesses all their school on-line learning accounts from home regularly. Any technical issues, please contact **ICT**@trafalgarfederation.org.uk and for curriculum issues, contact your child's class teacher directly, using their specific class name, to ***classname***@trafalgarfederation.org.uk.

- **E-school:** J2e
- **Maths:** Times Tables Rock Stars; NumBots; www.amathsdictionaryforkids.com/
- **English:** Spelling Shed
- **General:** BBC Bitesize
- **Wellbeing:** Access the Wellbeing tile through E-school for various resources