Year 5 Curriculum Information – Summer 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 **Robot Girl** by Malorie Blackman (narrative writing - science-fiction)

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 outcome:

- **Fiction:** Writing a balanced argument based on *Robot Girl*

Grammar and punctuation:

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

Sentence structure:

- Use of tenses

Text structure:

- Devices to build cohesion within a paragraph
- Standard and non-standard English

Punctuation:

- Use of commas to clarify meaning or avoid ambiguity
- Speech marks

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.

This half term, in year 5, children will cover:

Geometry:

Properties of shape:

- Classify angles
- Estimate and measure angles
- Draw angles and lines accurately
- Calculate angles around a point and a straight line
- Regular and irregular Polygons
- 3D shapes

Position and Direction:

- Draw and describe position
- Translation
- Lines of Symmetry
- Reflection

Decimals:

- Complements to 1
- Use known facts to add decimals within 1.
- Adding and Subtracting decimals

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:

Forces – Forces in action (physics):

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect

Other curriculum areas

Computing:

- Continue to develop spreadsheet knowledge using Excel
- Introduce and use formula within spreadsheets

Art and Design:

Installation art:

- Research and apply understanding of various art mediums to produce art for specific spaces

Geography:

Sustainability, Energy and Food

- Explore what sustainability means and why it is important
- Think about our energy needs and find out how and where energy is produced in the UK
- Investigate where our food comes from and how we can produce food more sustainably.

Music:

Musical effects:

- Focus: creating musical sound effects. Listening, responding, creating and playing. Using storyboards, silent movie soundtracks.

Physical Education (PE):

- Athletics, dance
- Strike and field: rounders & cricket

PSHE:

Relationships: Self-esteem, safer online communities, rights and responsibilities online, reducing screen time

Religion and Worldviews:

Islam:

- What does it mean to be a Muslim?

Spanish:

- In the Cafeteria: I would like..., singular and plural, and ask for something

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 online games to help recap tricky words too.
- Look out for the half-termly maths **key instant recall facts** (KIRFS) and practise regularly.
- Help develop your child's fluency in their **times tables** up to x12 (and associated division facts). Use Times Tables Rock Stars to practise little and often.

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, www.amathsdictionaryforkids.com/
- **English:** Spelling Shed
- **General:** BBC Bitesize
- **Wellbeing:** Access the Wellbeing tile through E-school for various resources