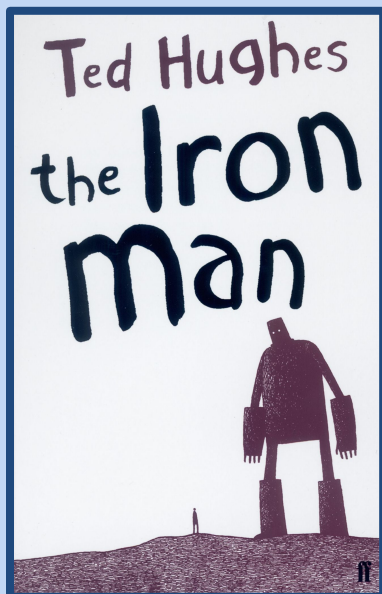


Year 4 Spring 2 Learning Bulletin

Welcome back! We are excited for the busy and engaging half term ahead. This term, we will be exploring new topics while continuing to build on the knowledge and skills developed earlier in the year.



Writing

Our text will be: The Iron Man

Our writing outcomes will be:

1. Character description of the Iron Man
2. Design and write a menu for iron people

Key Knowledge: pronouns and nouns to aid cohesion and avoid repetition, relative clauses beginning with who or whose, determiners, expanded noun phrases, singular and plural apostrophes, alliteration

Spelling Rules: 'sc' spellings (science), 'ce' spellings (recent), 'ci' spellings (circle), word families (real, reality, realistic).

Reading Texts: Lost Words, The Girl who Stole the Elephant, The Iron Man

Maths: Fractions, Decimals and Fluency

Key Knowledge:

Week 1: Comparing, ordering, converting and understanding fractions.

Week 2: Equivalent fractions.

Week 3: Adding two or more fractions.

Week 4: Subtracting two fractions, subtracting from whole amounts and mixed numbers.

Week 5: Tenths as fractions and decimals. Tenths on a place value chart and a number line.

Fluency: 7 times tables

Key Vocabulary

Fractions:

Fraction, equivalent, numerator, denominator, improper, improper fraction

Decimals: Decimals, parts, whole, tenths, place value, intervals, estimate, decimal point.

Science - We will finish our Animals Including Humans topic and begin our Sound topic

Key Knowledge:

- Know that sound waves enter the ear and travel through the ear canal
- Know that sound is produced when an object vibrates
- Know that vibrations from sounds travel through a medium (such as air, water or solids) to the ear
- Know that sound spreads out as it travels. Know that sound travels in waves.
- Recognise that pitch is how high or low a sound is and volume is how loud or quiet a sound is
- Understand sounds get fainter as the distance from the sound source increases
- Know that materials are good at absorbing sound (soundproofing)
- Know loud noises can damage our ears

Key Vocabulary: ear, ear canal, sound, vibration, vibrate, pitch, volume, insulation, reflect, absorb, distance, communication

History - Iron Age Britain and Ancient Egypt

Key Knowledge:

- Ancient Egypt started during our Stone Age and continued to advance throughout our Iron Age
- Our Iron age was defined by the introduction of metal
- Ancient Egypt was an autocratic civilisation, ruled by pharaohs
- At the time, people lived in tribes in Britain but started to introduce land ownership
- Ancient Egyptians achieved many significant advances
- The Iron Age saw the development of technology

Key Vocabulary: Civilisation, archaeology, autocratic, pharaoh, tribe, land ownership, fort

PSHE: Healthy Me

Key knowledge

- recognise how friendship groups are formed
- reflect on individual friendship groups
- consider what qualities we look for in a good friend
- positive friendships and peer pressure
- strategies to help handle friendship scenarios

Key vocabulary: emotions, healthy relationships, leaders, followers

RE - Christianity and Islam - Traditions

Themes and knowledge

- The story of Easter and why it is important to Christians.
- What Lent is and how it is linked to Easter
- What Ramadan is and how it is linked to Eid-ul-Fitr.
- Why Lent and Ramadan are important traditions in their faiths.
- Compare and contrast Lent and Ramadan.

Key vocabulary: Easter, Lent, Ramadan, Eid-ul-Fitr, tradition

DT - Greenhouses

Knowledge and Skills

- Understanding the purpose and functions of a greenhouse.
- Investigate stable structures and reinforcing structures.
- Reviewing suitable materials for greenhouses.
- Design a greenhouse with suitable materials.
- Make and evaluate a greenhouse

Key Vocabulary: greenhouse, base, stable, reinforce, structure, materials, transparent

Music - Tideo

Last term, pupils were introduced to Tideo, learning to sing and move to a steady beat while exploring the pentatonic scale.

This term, they will build on this foundation through pentatonic improvisation, dancing and composing their own melodies using the five-note scale.

Pupils will continue to strengthen their sense of pulse and pitch as they use movement and composition to deepen their musical understanding.

French - Où vas-tu?

Key Knowledge:

- Talk about going to French cities,
- Give and understand basic directions
- Talk about the weather,
- Talk about the weather and places in France.
- Where in France?

Key Vocabulary:

Je vais à Paris/Tournez à droite/Tournez à gauche/Allez tout droit
Quel temps fait-il?/Il fait beau/Il fait froid /À Bordeaux, il pleut

PE - Gymnastic and Invasion

Multi-Activity: Catching Aiming Strength Endurance Reaction Speed

Invasion: Sport Specific games focussed on scoring

Orienteering/adventure: Working with a map, Working at height, Balance, Teamwork Marble Hill Adventure Park

Striking: Forehand / Backhand / Side strike Serve / Overhead Volley Tennis Golf Cricket

Key Dates for Spring 2 Half Term

Week beginning 2/3 - Book Week (Friday dress up)

17/3 and 19/3 - Family Teacher Meetings

27/3 - Final day of the term, school closes at 1.30

Early March - Y4 Multiplication Tables Check (MTC) Mock Assessment

Early June - Y4 Multiplication Tables Check (MTC) Statutory Assessment

Key Information:

PE Days: Tuesday and Friday

Reading records: Please remember to record 5 comments and signatures a week, with children handing them to their teachers on **Mondays**

Spelling homework: new words to learn each Monday, ready for a test the following Monday.

Children in Carnelian class recommend reading

The Creakers by Tom Fletcher - Imagine if one day you woke up and all the grown-ups had vanished!

Einstein the penguin by Iona Rangeley - A penguin follows Imogen and Arthur home from the zoo and stays with them. Very fun!

Warriors in the Wild by Erin Hunter - Excellent book for people who enjoy adventure stories.

Other great recommendations [here!](#)

Suggested Activities

Science: Create your own set of teeth using mini marshmallows! Colour code them with a key to show the 4 different types.

Art: Take a picture from your window and sketch it to show perspective using the vanishing point, horizon line and shading.

TTRS Maths Challenge: Monthly Year 4 times table tournament on TTRS!

Useful websites to support learning:

TTRS <https://play.ttrockstars.com/auth/school/teacher>

Maths Bitesize <https://www.bbc.co.uk/bitesize/subjects/zxv6g2p>

White Rose (app) for fluency practice
<https://whiteroseeducation.com/1-minute-maths>

Hit the button
<https://www.topmarks.co.uk/maths-games/hit-the-button>

Scratch Computing <https://scratch.mit.edu/>

Science <https://www.bbc.co.uk/bitesize/topics/zgffr82>

History <https://www.bbc.co.uk/bitesize/topics/zg87xnb>