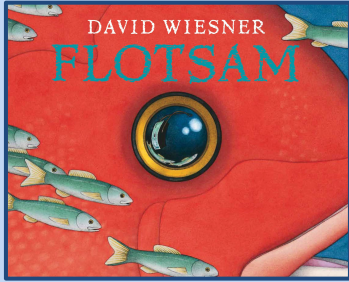


Year 4 Autumn 1 Learning Bulletin

Welcome back! We are looking forward tremendously to kicking off the year with our new classes. We have an exciting half term ahead full of inspiring learning.



Writing

Our texts will be: Flotsam, The Barnabas Project

Our writing outcomes will be: Setting description, character description, diary entry

Key Knowledge: sentence structure, using pronouns, expanded noun phrases, apostrophes to mark plural possession (the girls' names)

Spelling Rules: Words with /aw/ spelt with augh and au, adding the prefix in-, im-, il- ir-, homophones, near homophones, 'sion'.

Maths: Place Value, Addition and Subtraction and Fluency

Key Knowledge :

- Recognising, representing, partitioning and numbers up to 10,000.
- Using part-whole models, place value charts and number lines to represent numbers up to 10,000.
- Roman numerals
- Rounding numbers to the nearest 10, 100 and 1,000
- Adding and subtracting 1s, 10s, 100s and 1000s
- Addition and subtraction with and without exchanging numbers 4 digit numbers
- Addition and subtraction with more than one exchange
- Number bonds to 100

Maths Vocabulary

- Value
- Partitioning
- Represent
- Digit
- Placeholder
- Estimate
- Interval
- Round
- Multiple
- Approximate

Science - Living things and their habitats

Key Knowledge:

- Know that living things can be grouped in various ways
- Know that classification keys help group, identify and name living things
- Recognise the difference between vertebrates and invertebrates
- Know that environments change over time and this can threaten living things
- Know some human impacts on the environment
- Name endangered and extinct species and have knowledge of ways in which we can help them

Key Vocabulary: classification, habitat, adaptation, features, characteristics, classification keys, environment, human impact, migrate, hibernate

Geography: Biomes

Key Knowledge:

- What is climate, how is it defined?
- What is temperature, how is it determined?
- biomes are defined by their climate and the life that lives in them.
- biomes are very different places because of differences in temperature and rainfall.
- An in-depth study into two contrasting biomes (the tundra and the savanna).

Key Vocabulary: climate, biome, equator, hemisphere, latitude, precipitation, temperature, altitude, vegetation, permafrost, lichen, shrub, grassland, compare

PSHE: Being me in my world

Key Knowledge:

- know my attitudes and actions make a difference to the class team and extend to online behaviour
- know how good it feels to be included in a group and understand how it feels to be excluded
- know who is in my school community, the roles they play and how I fit in and how they keep me safe
- know how groups come together to make decisions
- know how democracy and having a voice benefits the school community
- know what the 'UN Convention on Rights of Child' is and explore some of the articles in more detail
- know when I may need support from adults outside my family

Key Vocabulary: contribution, listen, compromise, support, include, exclude, democracy

Computing: Programming patterns

Key Knowledge:

- Understanding algorithms
- Understanding commands to programme patterns
- Design, programme and evaluate a 'wrapping paper' on Turtle Academy

Art: Islamic Art

Key Knowledge:

- Islamic tiles are geometric
- Geometric shapes are used to represent God.
- They are displayed on religious buildings
- Safety around clay as a medium
- Different types of clay, where it comes from

Key Vocabulary: air drying clay, assemble, clay wire cutter, clay board, rolling pin, loop tool, pinch, coil, slip, texture, smooth, clay tile

Music: This Little Light of Mine

This little light of mine is an expressive call-and-response Gospel song based on a pentatonic scale. Our musicians will learn the history of gospel music, how to sing and play off beat rhythms, and create their own call-and-response vocal pieces.

French: Encore

Key Knowledge:

- Revise ways of describing people using **avoir** and **être** phrases.
- Describe someone's nationality.
- Describe people using various adjectives.
- Research a famous French person

Example Vocabulary: Elle a les cheveux courts/Il a les yeux bleus, Il a un chien/Elle a un frère, français(e)/canadien(ne)/britannique/ intelligent(e)/sportif/sportive

PE:

Kickstart - recap of key movement skills Moving & Locomotion Jumping & Landing Throwing & Catching Ball Skills Moving to Music Rolling, Tumbling, Romping.

Gymnastics - Floor Exercise British Gymnastics Proficiency Award 6&5 Vault – Approach and hurdle step to squat onto bench, take off, flight, landing, finish. Wall Apparatus Muscular Strength Joint Flexibility.

Invasion - Playing towards targets Attacking and Defending Predicting Play.

Useful School Links

[The Vineyard School Website](#)

[Curriculum information](#)

[School Calendar](#)

[School newsletter](#)

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.

Suggested Books to Read:

Great recommendations [here!](#)

Some include...

How to Train Your Dragon by Cressida Cowell

The Butterfly Lion by Michael Morpurgo

Fortunately, the Milk by Neil Gaiman

The BFG by Roald Dahl

The Miraculous Journey of Edward Tulane by Kate DiCamillo

Suggested places to visit or activities to do:

V&A Museum - "Art of Islamic Pattern" Workshops: These family workshops encourage creative building of Islamic-style patterns and 3D structures

Kew Gardens - perfect for comparing different environmental zones and considering biomes

Useful websites to support learning:

[BBC Bitesize English KS2](#) - spelling, punctuation, grammar, reading comprehension, writing skills

[NRICH Maths \(University of Cambridge\)](#) - problem-solving activities and challenges

[National Geographic Kids](#) - accessible articles, facts, and activities about nature and the planet