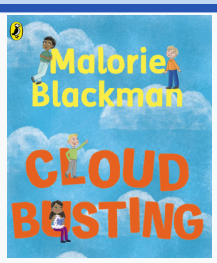
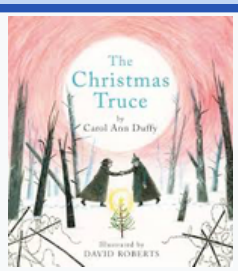
Year 5 Autumn 2 Learning Bulletin

Welcome back! We are looking forward to an exciting half term ahead full of inspiring learning.





Writing

Our texts will be: Cloud Busting by Malorie Blackman and The Christmas Truce by Carol Ann Duffy.

Our writing outcomes will be: A narrative, a diary entry and a flashback

Key Knowledge:

- diary entry (1st person, time adverbials, subordinate clauses)
- narrative (speech, senses, parenthesis, paragraphs)
- flashback (dashes or commas for parenthesis, inverted commas for direct speech and commas to avoid ambiguity)

Spelling Rules:

- words with 'silent' letters (doubt, lamb)
- modal verbs (could, might, must)
- words ending with 'ment' (equipment, government)
- adverbs of possibility and frequency

Maths

Key Knowledge:

- common factors, prime numbers, square numbers, cube numbers
- multiply and divide by 10, 100 and 1,000
- find equivalent fractions, recognise equivalent fractions, covert improper fractions to mixed numbers
- compare and order fractions less than 1
- add and subtract fractions with the same denominator
- add two mixed numbers, subtract fractions
- subtract two mixed numbers

Maths Vocabulary

numerator, denominator, vinculum, equivalent, unit fraction, improper fraction, mixed number, whole, convert

Science: Earth and space

Key Knowledge:

- Know that planets, moons and stars rotate/spin
- Know that smaller objects (e.g. planets) orbit larger ones (e.g. stars)
- Know that stars are sources of light and heat, while other space objects reflect light

Key Vocabulary: Earth, Sun, moon, planets, solar system, star, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, rotate, orbit, axis, time zone

History: Richmond and World War 1

Key Knowledge:

- Key events and dates of WW1
- Understanding the conditions soldiers endured on the front line
- Understanding the role that Richmond park and women played in WW1
- Poppies and remembrance

Key Vocabulary: assassination, conscription, trenches, front line, western front, home front, remembrance, wreath

PSHE: Being me in my world

Key Knowledge:

- Know that cultural differences can sometimes cause conflict
- Know what racism is
- Know how rumour-spreading and name-calling can be bullying behaviours
- Know the difference between direct and indirect types of bullying
- Know how my life compares with people in the developing world
- Know how to show respect for my own and other people's cultures

Key Vocabulary: culture, racism, race, colour, discrimination, rumour, homophobia, gay, direct/indirect bullying, material things (relating to wealth)

Computing: Search engines

Key Knowledge:

- how search engines work
- anyone can create a website; therefore, people should take steps to check the validity of websites
- web crawlers are computer programs that crawl through the internet
- what copyright is

Key Vocabulary: algorithm, copyright, credit, fake news, inaccurate, index, keywords, online, page rank, search engine, TASK, web crawler, website www

Design Technology: Bridges

Key Knowledge:

- identifying different types of bridges and what makes them strong
- designing a prototype of a bridge
- how to use DT tools effectively and safely
- constructing a bridge using a range of DT tools

Key Vocabulary: beam, truss, arch, suspension, pillar, clapper, span, parapet, anchorage points, triangulation, trusses, brief, prototype, design criteria, scale

Music: What Shall We Do With A Drunken Sailor/ Carol Concert

Key Knowledge:

- the context, history, and purpose of sea shanties as work songs.
- inspiration for pupils to create rhythm games and a class arrangement using their voices and instruments.

Key Vocabulary:

sea shanty, rhythm, arrangement, voices, instruments

French: A l'école

Key Knowledge:

- talk about likes and dislikes of school, including the names of subjects
- talk about time and the timings of the school day
- say and use the ère and ais sound confidently

Example Vocabulary: le français - French l'histoire-géo - humanities la musique - music C'est nul. - It's rubbish. Quelle heure est-il? - What time is it? Il est trois heure et demie. - It's three thirty. Il est midi. - It's midday. La récré - break Le déjeuner - lunch

PE: Kickstart and Throwing & Catching

Key Knowledge:

- throwing and catching coordination
- throwing accuracy
- Rules and Tactics of: benchball, dodgeball and 4:2 Netball: American Football

Key Vocabulary:

Maintaining possession, intercepting play, hand-eye coordination, overarm/underarm throw, catching one handed/fingers down/fingers up 'W'

Useful School Links:

The Vineyard School Website

Curriculum information

School Calendar

School newsletter

Library day: Friday

Year 5s additional adults: Mr Wisdom, Ms Mingolla, Ms Kliczek, Ms Breckwoldt

PE days: Wednesday and Thursday

Home learning expectations: Daily reading recorded in reading record, spelling practice, maths worksheet. Reading record and homework book due every Monday.

Suggested Books to Read

The Explorer by Katherine Rundell
The Wild Robot by Peter Brown
The Highland Falcon Thief by M.G. Leonard & Sam Sedgman
The Dam by David Almond
The House with Chicken Legs by Sophie Anderson
The Boy Who Harnessed the Wind by William Kamkwamba & Bryan Mealer
The Middler by Kirsty Applebaum

Suggested places to visit or activities to do:

'Designer Maker User' at The Design Museum

Author visits and workshops at Alligator's Mouth book shop.

Henry Moore sculptures at Kew Gardens

Useful websites to support learning:

Year 5 Maths Topic Revision

Recommended Reading List

Times Tables Rockstars

Science Experiments Linked to Topics

Writing Prompts for Creative Writing