

Curriculum Newsletter

Year 5 / Spring 1



The Year 5 team all hope that you had a restful and enjoyable Christmas and welcome you back to another exciting and busy half term ahead. We have lots to look forward to in our learning.



Some children went to the bookshop to choose some new books for the Upper Key Stage 2 'Book Nook.'

Home Learning

In Year 5 pupils are expected to read their 'banded reading book' at least four times per week at home to an adult. This must be recorded in their reading diary in order for them to earn their 'Read for a Star' awards.

Pupils are also expected to complete a 'Marvellous Maths' task at least four times per week at home. This could be going onto Times Tables Rockstars, completing maths pages from their CGP books or even a game of Monopoly - wherever maths is used. Please record this in their reading diaries, so they can earn their 'Marvellous Maths' awards.

Key vocabulary

river	a large natural stream of water flowing in a particular course toward a lake, ocean, or other body of water.
erosion	wearing away of the earth's surface by wind or water.
spit	a narrow, pointed piece of land that extends into a body of water.
source	the start of a body of water.
asexual reproduction	One parent is needed to create an offspring, which is an exact copy of the parent.
metamorphosis	An abrupt and obvious change in the structure of an animal's body and their behaviour.
pollination	The transfer of pollen to a stigma to allow fertilisation.

Upcoming Dates

Thursday 8th February - Workshare 3pm

Friday 9th February - Safer Internet Curriculum Day

Friday 16th February - Last of day of school term

Topic: Rivers - What is a river?

This curriculum newsletter provides an overview of your child's learning this half-term.



Science

As scientists we will:

- ★ Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- ★ Describe the life process of reproduction in some plants and animals.

Computing

As computer scientists we will:

- ★ Explore conditions and selection using a programmable microcontroller.
- ★ Learn about how to keep ourselves safe online - online bullying, speaking to people online and information sharing

English

This half term in English, our core text is 'The Explorer' by Katherine Rundell. It complements our topic work about rivers as the book is set in the Amazon rainforest. We will focus upon: writing a descriptive piece about our journey down the Amazon; writing a persuasive letter to the Brazilian Ambassador about stopping deforestation and a poem using poetic techniques.



In our 'Reading Masters' sessions, we will use our core text 'The Explorer'. We will be developing our understanding of unfamiliar vocabulary and will learn to apply VIPERS (vocabulary, inference, prediction, explanation, retrieval and summarising) when answering questions with greater accuracy.

It is essential that children keep a note of, and discuss, any unfamiliar vocabulary when reading at home. During spelling sessions, we will explore different spelling rules (including prefixes and suffixes) and focus upon the word list for Year 5 and 6.

In grammar lessons we will focus upon: expanded noun phrases, fronted adverbials and parenthesis.

PE

As athletes we will:

- ★ Develop teamwork through invasion games e.g. hockey and netball.
- ★ Develop our health and fitness through our HRF topic
- ★ Improve our stamina with our daily mile
- ★ Continue with Real PE: Dance

Art

As artists we will:

- ★ Look at the work of Hundertwasser and produce drawings using a range of media with a focus on colour.

RHE

To understand ourselves and others we will:

- ★ Learn about the importance of protecting the environment and how everyday actions can either support or damage it
- ★ Gain strategies for keeping safe online, knowing that personal information, including images of themselves and others, can be shared without their permission.

Geography

As geographers we will:

- ★ Identify and describe how physical features of rivers change from source to mouth.
- ★ Offer reasons to explain why the course of a river changes as it flows from higher to lower ground.
- ★ Identify and describe the features of river estuaries and explain why they are such important ecosystems for wildlife.

Maths	Music	RE
<p>As mathematicians, this half term we will be developing our understanding of multiplication working towards the outcome that all children can multiply a 4 digit number by a 2 digit number. We will be developing pupils' current mathematical understanding of fractions to begin multiplying fractions and calculating fractions of a quantity.</p> <p>In arithmetic sessions, we will continue to concentrate on the four operations. We will revisit previous learning topics and are actively encouraging children to learn their multiplication facts. Information about your child's unique login details for Times Table Rockstars is available on the Y5 section of the website.</p>	<p>As musicians we will:</p> <ul style="list-style-type: none"> ★ Use Charanga to explore motown music- Dancing in The Street. ★ Develop our singing skills during our weekly music assembly. 	<p>As theologians we will:</p> <ul style="list-style-type: none"> ★ Explore the question: 'What can we learn about the world/knowledge/meaning of life from the great philosophers?'
	Languages	
	<p>As language learners we will:</p> <ul style="list-style-type: none"> ★ Continue to develop our understanding of Chinese through weekly Mandarin lessons. ★ Build confidence in reading, writing and speaking and listening skills in Mandarin. ★ Develop our vocabulary in Mandarin 	