

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 as well as welcoming Miss Lewis, who will be teaching in Les Loutres.



Children making and testing three parachutes to see which type of parachute falls the slowest creating the most air resistance.

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 pages in their Power Maths Books, a relevant activity from their

class teacher 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

2nd February - Y5 Martial Arts

10th February - Safer Internet Curriculum Day

Topic: Rainforests – How can we save them?

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.

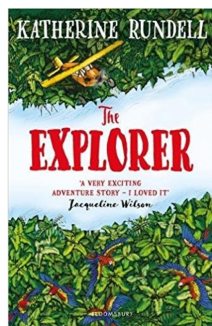
Computing

As computer scientists we will:

- ★ Explore conditions and selection using a programmable microcontroller.

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 also essential that children keep a note of, and discuss, any unfamiliar vocabulary when reading at home. During spelling sessions, we will 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:

- ★ Continue with Real PE: Unit 3 health and fitness.
- ★ Develop coordination and rhythm through dance.

My Happy Mind

To understand our incredible minds we will:

- ★ Use 'My Happy Mind' to complete the 'Appreciate' unit.
- ★ Understand and explore our character strengths and how they can change and grow as we use them.

Art

As artists we will:

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

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 division working towards the outcome that all children can divide a three-digit number by a single-digit number using short division (bus-stop method). We will be working hard to develop pupils' mathematical understanding of area and use their knowledge of multiplication and division to solve comparison and change problems.</p> <p>In mental maths 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> <div data-bbox="264 683 954 959"> $57 \div 3 = 19$ <div data-bbox="264 754 461 906"> <p>How many times does 3 go into 5?</p> <p>It goes into 5 once and has a remainder of 2.</p> </div> <div data-bbox="761 754 954 906"> <p>How many times does 3 go into 27?</p> <p>It goes into 27 nine times and has no remainder.</p> </div> </div>	<p>As musicians we will:</p> <ul style="list-style-type: none"> ★ Explore pop ballads focusing on the song 'Make you feel my love' by Adele. ★ Have weekly Digital Music lessons delivered by Sistema (one class per term). 	<p>As theologists 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?'
	<p>PSHE/RSHE</p> <p>To understand ourselves and others we will:</p> <ul style="list-style-type: none"> ★ Learn how information online is targeted through different media types, their roles and impact. ★ Understand the importance of protecting the environment and how everyday actions can either support or damage it. 	<p>Languages</p> <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.