

Curriculum Newsletter

Year 5 / Autumn 2



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



A photo from our recent science experiment.

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 CGP Maths revision books, a relevant activity from their class teacher or even a game of Monopoly - wherever maths is used.

Please record in their reading diaries for them so they can earn their 'Marvellous Maths' awards. Diaries must be in school every **Monday**.

Key vocabulary

forces	Pushes or pulls
weight	The measure of the force of gravity on an object.
friction	A force that acts between two surfaces or objects that are moving, or trying to move across each other.
mechanism	Parts which work together in a machine. Examples of mechanisms are pulleys, gears and levers.
air resistance	A type of friction caused by air pushing against any moving object.
buoyancy	An upward force that a liquid applies to objects.

Upcoming Dates

- ★ **4th November** – Viking Day
- ★ **11th & 13th November** - Parents Meetings
- ★ **15th November** - Year 5 assembly
- ★ **19th November** - Anti bullying Curriculum Day
- ★ **19th December** – Christmas Dinner Day Y5/6
- ★ **20th December** - Last day of Autumn 2

Topic: Vicious Vikings

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



Science

As scientists we will:

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.
- Identify the effects of air resistance, water resistance and friction that act between moving surfaces.

Computing

As computer scientists we will:

- Plan, capture and edit video to produce a short film.

English

This half term in English, our core text is 'Viking Boy' by Tony Bradman. It complements our topic work about the Vikings as the book is set during this time period. We will focus upon: writing a narrative (the missing chapter) and writing a non-chronological report about Viking Gods.

In our 'Reading Masters' sessions, we will be exploring poetry and non-fiction texts supporting our Viking topic. 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, relative clauses, adverbs and writing dialogue.

PE

As athletes we will:

- Develop teamwork through invasion games e.g. hockey, tag rugby and netball.
- Improve our stamina with our daily mile
- Develop our Outdoor and Adventurous Activity skills

History

As historians we will:

- Answer the key question: 'What do the Vikings want and how did Alfred help to stop them getting it?'

Art and Design Technology

As designers we will:

- Explore gears, cams and other mechanisms to create a moving toy.

RHE

As young people we will:

- Learn about how the body changes during puberty.

To understand ourselves and others we will:

- Consider tricky friendships and relationships.
- Explore the different contexts in which families can be stable and caring.
- Identify healthy friendships,

		recognising the skills to manage and maintain healthy friendships.
Maths	Music	RE
<p>As mathematicians, this half term we will be developing our understanding of multiplication and division. We will start by identifying multiples and factors including factor pairs, prime numbers and composite numbers. This will lead us into a focus on fractions, including equivalent fractions and converting from mixed numbers to improper fractions. Finally, we will learn the formal written methods of short multiplication and division. We have been working hard to develop pupils' mathematical reasoning skills in school, so we would encourage all parents and carers to try to support their children in this endeavour by challenging them to explain how they know that their work is accurate - or how they know they've gone wrong!</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. As your class teacher if you do not have your TimesTables Rockstar login details.</p>	<p>As musicians we will:</p> <ul style="list-style-type: none"> ● Use Charanga and explore rhythms and beats whilst singing 'Living on a Prayer'. 	<p>As theologians we will:</p> <ul style="list-style-type: none"> ● Explore the question: 'How has belief in Christianity and Islam impacted on music and art through history?'
	Languages	
		<p>As language learners we will:</p> <ul style="list-style-type: none"> ● Continue to develop our understanding of aspects of Chinese culture through weekly Mandarin lessons. ● Build confidence in reading, writing and speaking and listening skills in Mandarin. ● Develop our vocabulary in Mandarin.