



Year 5 Autumn Curriculum Information



What we are learning at school

Maths

We will be learning:

- Place Value and Rounding of Large Numbers
- Interpret Negative Numbers
- Place Value of Numbers with up to Three Decimal Places
- Multiply and Divide by 10, 100 and 1,000
- Properties of Number – Multiples, Factors and Common Factors
- Prime and Composite Numbers
- Multiply and Divide Mentally
- Solve Problems Involving Knowledge of Key Facts
- Add and Subtract Using a Range of Strategies
- Add and Subtract Using Formal Written Methods
- Formal Written Method for Multiplication
- Formal Written Method of Short Division
- 3D Shapes from 2D representations.

English

Focus texts for this term

- The Black Book of Colours A whole school focus. In year 5, we will be developing our sentence skills to engage the reader
- Tales from Outer Suburbia by Shawn Tan – setting descriptions
- Wolves in the Walls by Neil Gaiman. We continue to develop sentence structure.
- British Values – Who's in Charge? A spot light on democracy during Parliament week.
- Where the Poppies Now Grow by Hilary Robinson. We will be learning about poetic structure as we create Cinquain poems inspired by the theme of remembrance.

How you can help at home

Maths

- Using an analogue clock (watch, clock face) regularly ask you child to tell you the time. Discuss duration of events and the time it takes to complete a task.
- Continue to learn time tables and corresponding division facts. TTRockstars.
- Play card games
- Herts for Learning Maths essentials have some instructional videos on YouTube with ideas for games to support areas of learning in Year 5 such as Factor or Multiple?
<https://www.youtube.com/watch?v=x0UfLZ-JVhk>
- Google Classroom – Practice a variety of Maths questions. Join the Year 5 Google classroom code: **rgxf634**

- Play Maths games – some online examples can be found at
<https://thirdspacelearning.com/blog/maths-games-ks2/>
<https://www.topmarks.co.uk/>
<https://mathsframe.co.uk/en/resources/category/22/most-popular>

Visit:

- The British Museum
- The Science Museum
- Harpenden Library
- Local War Memorial
- Read

Beware of Boys by Tony Blundell – writing instructions
Hidden Figures – Complementing our learning in Science, we will composing a biographical recount, based on research, about the eminent scientist, Katherine Johnson.

Science

Forces. We will learn about the different forces that act on objects, such as friction, gravity, pushing and pulling forces, buoyancy.

Earth, Sun and Moon. - Part of this exciting focus will be a trip to the STEM Discover Centre in Stevenage. We will develop understanding of our place in the solar system and how night, day and seasons occur. We will also look at how our understanding of the solar system has developed through history.

RE

We will be looking at symbols and actions. We will compare the expression of worldviews, particularly in Judaism and Christianity. We will explore how and why symbols and actions communicate different meaning to individuals within and across communities.

Geography

As well as using maps, atlases, globes and digital/computer mapping to locate countries and describe features studied, we will be exploring, reading and creating our own contour maps.

We will use the eight points of a compass, four and six-grid references, symbols and keys (including the use of Ordnance Survey maps) to build our knowledge of the wider world, linking back to the United Kingdom.

North America locational study

History

Vikings and Anglo Saxons – making connections with the past.

Encourage your child to read to you as often as possible. Use the prompts in the planners to help with questioning.
Reading at home includes everything with words on.

Spellings

Encourage your child to learn words from the Year 3 / 4 and Year 5 / 6 Statutory word lists.

Talk about

Online safety- how do you stay safe when using the internet (children and adults)?

Current affairs – what is going on in the world?

Art and DT

In Art we will be sketching and developing skills, using multimedia, in the style of Frank Auerbach

D&T. Food technology – Celebrating culture and seasonality.

Computing

We will begin with a focus on staying safe online. This will continue throughout the year.

We will develop our skills in Game Creator and Spreadsheets.

French

We will be extending our greeting skills and developing vocabulary of school subjects.

Music

We will compose, perform, and listen to a wide variety of music

RSHE

Mental Health champion kickstarter course

We will compete units on the following:

British Values - A world without Judgement.

Computer safety

Feelings and emotions

Keeping/ Staying Healthy

Keeping / staying safe

Cycle safety

Inclusion and acceptance



Year 5 Autumn General Information



PE

PE Kit is to be worn to school on PE days. Pupils will need to have an additional pair of clean shoes or trainers.
P.E lessons will be on the following days
Acacia –Wednesday and Friday
Rowan- Monday and Friday
Mulberry – Tuesday and Friday

Values

My Personal Best - Responsibility, Respect, Resilience, Communication.

Homework expectations

Reading: Children are encouraged to note 5 reading sessions in their planners each week
Spelling: Children will be given spellings to learn and write in a sentence each week. Pupils will be given a dictation on the spelling pattern learned. Please help your child with their spelling words.
Mathletics – weekly activities to be completed
Spellings and Mathletics will be set on a Friday for return on the following Thursday along with planners.