



YEAR 5

SPRING 2025 CURRICULUM NEWSLETTER

For all the essential information about what we will learn during this term.

English

Arthur and the Golden Rope

- Use expanded noun phrases to convey complicated information concisely
- Use relative clauses beginning with who, which, where, when, whose, that or an omitted relative pronoun
- Link ideas across paragraphs using adverbials
- Use commas to clarify meaning and avoid ambiguity in writing

The Darkest Dark

- Include a variety of verb forms used correctly and consistently
- Use commas to clarify meaning or avoid ambiguity in writing
- Link ideas across paragraphs using adverbials and tense choices
- Use brackets, dashes or commas to indicate parenthesis

Recap: Extend the range of sentences with more than one clause by using a wider range of conjunctions.

Mathematics

- Written methods of multiplication and division – short multiplication, long multiplication and short division
- Compare, order, add and subtract fractions whose denominators are all multiples of the same number
- Identify, name and write equivalent fractions of a given fraction
- Converting between mixed numbers and improper fractions
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- Read, write, compare, round, add and subtract decimals – tenths, hundredths and thousandths
- Solve problems involving number up to three decimal places
- Recognise the percent symbol (%) and write percentages as a fraction out of 100
- Solve problems which require knowing of fraction, percentage and decimal equivalence

Computing

Online Safety and Codebugs

- Know the importance of using technology safely
- Know how to report concerns
- Develop their understanding of e-safety and responsible use of technology
- Create content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Music

- Know that a vocal composition is a piece of music created only using voices
- Understand that varying effects can be created using only your voice, for example by changing the pitch, dynamic or tempo of the sound made
- Understand that human voices have their own individual timbre, and that this can be adapted by using the voice in different ways
- Know that the duration of a note or phrase in music can be shown using a repeated symbol or the size of a symbol on a graphic score

Religious Education

What beliefs are important to Sikhs?

- Sikhs follow the teachings of the Gurus and Guru Nanak was the first Guru
- Sikhs believe in all pathways leading to God and the stories of Guru's teach people how to live well
- The Holy book, the writings of the Guru's, is the Guru Granth Sahib
- The Guru Granth Sahib is treated as a living person in the Gurdwara
- Sikhs special building is a Gurdwara where Sikhs meet to sing praise to God and read from the Guru Granth Sahib

Why do Christians believe that Easter is a celebration of victory?

- Christians believe Easter is the key event in God's salvation plan
- Christians believe that Christ's resurrection is a victory over death
- Christians believe Jesus' death and resurrection restored the relationship between God and people
- Know that the Christian belief in the Easter story is that Jesus died and rose victoriously
- Know that there are big questions in life and Christianity can help some people to answer them

Geography

Vikings

- That the Vikings invaded from Scandinavia and locate this on a map as well as where they landed (England, Scotland, Ireland, France, Spain, Italy, Iceland, and Russia)
- To compare a region in a country that the Vikings invaded with a region in England identifying and comparing physical and human geographical features of these

Physical Education

Net and Wall Games

- Children will be able to execute the backhand and forehand technique with accuracy and consistency
- Children will be able to execute a wide range of shots and play the ball into space.
- Children will be able to use and apply the serve in games
- Children will understand the consequences if shots are not accurate and controlled

Orienteering

- Use a map to navigate
- Children to orientate a map, locate points on the map, then travel to them and record what they find
- Children will follow the route they have been given to reach as many points as possible in an allocated time

History

The Vikings

- Anglo-Saxons came from Germany and Southern Scandinavia to Britain from AD410
- Anglo-Saxon Britain was ruled by tribes with each tribe having a leader. Tribes fought against each other and the leader or war chief. A strong and successful leader became 'cyning', the Anglo-Saxon word for 'king'
- The Vikings were sea-faring tradespeople and came from Norway, Sweden and Denmark. They came to Britain looking for new items to steal and trade
- Vikings travelled in longboats and landed in Britain in 793AD in Lindisfarne off the North-East coast of England
- The Vikings mostly lived in small villages near the coast. Vikings spent most of their time farming and fishing

Science

Forces

- Know the effects of water resistance and friction that act between moving surfaces
- Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect
- Plan different types of scientific enquiry to answer questions, including recognising and controlling variables
- Take measurements using a range of scientific equipment
- Record data using scientific diagrams and tables

Earth and Space

- Know that the sun is a star and is at the centre of our solar system
- Know about the movement of the Earth, and other planets relative to the Sun in the solar system - Earth takes $365\frac{1}{4}$ days to complete its orbit around the Sun
- Know and can describe the movement of the Moon relative to the Earth - that the moon orbits the earth every 28 days
- Know about and can describe the Sun, Earth and Moon as approximately spherical bodies
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. The Earth rotates (spins) on its axis every 24 hours. As Earth rotates half faces the Sun (day) and half is facing away from the Sun (night). As the Earth rotates, the Sun appears to move across the sky

Modern Foreign Languages

- Singular and plural nouns
- Position of adjectives of size and colour and adjectival agreement
- French dictionary skills

Personal, Social, Health & Relationships Education

Keeping myself safe

- Demonstrate strategies to deal with face-to-face or online bullying
- Explore what is meant by 'a dare' and ways to address this
- Understand some of the complexities of drug classification
- Understand the risks around smoking and vaping

My Happy Mind - Appreciate

- Learn about gratitude - how it feels to give and receive it
- Learn what the domino effect is

Rights and respect

- Identify current issues around health and wellbeing
- Understand the difference between fact and opinion
- Define the differences between responsibilities, rights and duties
- Explain what we mean by voluntary, community and pressure groups
- Define the terms credit, debt and interest
- State the costs involved in producing and selling an item

My Happy Mind - Appreciate

- Learn how to create a habit of gratitude
- Learn how to appreciate ourselves

Learning Beyond The Classroom

- Viking Days

Design Technology

Mechanical Systems: Pulleys

- Investigate, analyse and evaluate existing products or toys that incorporate gear or pulley systems
- Understand how gears and pulleys can be used to speed up, slow down or change the direction of movement
- Using construction kits, investigate combinations of different sized pulleys and/or gears to learn about direction and speed of rotation
- Demonstrate the accurate use of tools and equipment including building a working circuit
- Accurately measure and mark out pieces of wood
- Safely use a hacksaw and bench hook to cut the wood to the correct length
- Use a range of decorative finishing techniques to ensure a well finished product
- Generate ideas through research and use this to develop a design brief and criteria for a specific purpose
- Use explanations (written and verbal), annotated drawings or exploded diagrams, prototypes and information communication technology to develop and communicate ideas
- Evaluate the end product with reference to the design brief, taking into account the views of others when deciding on improvements

Homework

- Homework is set on a Thursday
- Your child will receive Maths and English in the CGP workbooks and spellings tasks
- It is due back to school on a Tuesday where it will be marked
- Your child is expected to read 3 times each week

Art

Mixed Media Art

- Know that there are different ways of creating textures on materials
- Know how to use sketches to help plan a piece of work, exploring looking at an image from different angles
- Know that we can use different media and different techniques to create a final piece
- Know that Joseph Cornell was a visual artist who made assemblages using discarded artefacts
- Understand the relationships between Joseph Cornell, Grayson Perry and Damien Hirst as mixed media artists

Useful Websites

- www.spag.com
- www.simonsingh.net/The_Black_Chamber/caesar
- www.mathsbot.com
- www.whiterosemaths.com/homelearning
- www.iseemaths.com/home-lessons
- www.mymaths.co.uk
- www.ttrockstars.com
- www.bbc.com/bitesize
- www.neal.fun/size-of-space/
- www.spaceplace.nasa.gov
- www.bbc.co.uk/bitesize/topics/ztyr9j6
- www.spacekids.co.uk/learn/PSHCE
- www.bbc.co.uk/bitesize/articles/zy7qfdm#zgphcx
- www.ceopeducation.co.uk/8_10/

PE and Forest School

- PE Days are Wednesday and Friday
- No Forest School this term

Local Visits You Can Do

- Chester Viking Tour Northgate Street
- The World Museum Liverpool

Upcoming dates:

- 20th January: Reading Drop-in Session 3.20pm
- 23rd January: Smartphone Free Coffee Morning 9am
- 10-11th February: Year 5 Viking Days
- 14th February: INSET Day (School closed to pupils)
- 17th - 21st February: School Holidays

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