

Year 5 – Autumn Curriculum Newsletter 2021

Dear all,

Welcome back! We hope you all had a wonderful, restful summer and are ready for a new school year.

This letter will inform you of all the exciting things your child will be learning about, over the next two half terms, up until Christmas.

General Reminders:

Children must bring the following equipment into school every day:

- A **pencil case** with; writing pencils, coloured pencils, sharpener, ruler, rubber and a glue stick. A whiteboard pen is also handy, but we do have some in school that the children can use.
- A **reading book**
- **Home school diary**
- **Bottle of water**

Please ensure that your child is reading at home daily and that this is noted in your child's home school diary daily. The home school diary is also the place for any important notes, especially regarding a change in pick-up arrangements. The home school diaries are checked regularly in school.

Please ensure that your child has the correct uniform every day and that all of your child's belongings are clearly labelled with their name.

P.E. will be on a Tuesday afternoon. Our other P.E. session will be swimming. This will take place on Monday mornings. Our first session will be Monday 6th September. Children will need to be in school at 8:30am on Monday's up until Christmas, to enable us to get to Crown pools in time for our lesson. Please try to ensure that your child arrives promptly on Monday's, to allow us time to register and get on the coach.

An overview of spellings for the whole half term will be stuck into your child's home school diaries. Please check carefully which spelling list is being tested each week – but you are more than welcome to look ahead & practise the rest too. There are 20 spellings in total – 15 follow a 'spelling rule/pattern' and 5 are statutory spellings.

Spellings and Times Tables will be tested on Wednesdays. Children should practise both at home daily.

Curriculum:

Our over-arching topic up until Christmas is 'Invaders', where we focus on Anglo-Saxons and the Vikings. We will be reading 'Beowulf' by Michael Morpurgo, which links with our topic, along with other extracts of a variety of text types to supplement.

R.E.

Our topics for R.E. this term are 'Creation', 'Inspirational People', 'Sacraments of Ordination' and 'Hope' linked to Advent.

Creation Learning Focuses				Inspirational people Learning Focuses	
To know the story of Genesis and the meaning behind it	To know that we must care for God's creation and how.	To understand why God made us.	To understand the story of the Fall.	To learn about inspirational people who care for God's Creation.	To understand how to be an inspirational person. To know how to be a follower of Jesus.

Inspirational People Learning Focuses	Sacraments of Ordination Learning focuses	Hope (Advent) Learning Focuses
To retell a story of an inspirational person (St Francis, St Josephine Bakhita).	To understand the role of a bishop and priest and what the vocation entails. To know what the Sacrament of Ordination is.	To understand the story of St Nicholas and retell it. To understand that the advent story has themes of Patience and hope. To know the meaning behind an Advent wreath, calendar, promise and candle.

Science

Our topic for this term is 'Forces & Magnets'. Children will continue to develop their 'Working Scientifically' skills by planning, designing, undertaking and evaluating their own investigations.

<p>Forces Learning Focuses</p>
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To understand how the two poles of a magnet react to each other.	To understand gravity and the effects it has on every day life.	To learn about Albert Einstein and how he built on some of the work of Isaac Newton.	To understand what friction is and investigate its effect on objects.	To understand what air resistance is and the effects of air resistance.	To understand what water resistance is and the effects of water resistance.	To understand that force and motion can be transferred through mechanical devices like gears, levers & pulleys.
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Maths:

Our areas of focus up until Christmas are: Place Value, Addition, Subtraction, Multiplication, Division, Statistics, Area and Perimeter. Children will develop their fluency, reasoning and problem-solving skills in these areas.

Children will continue to be tested on their times tables weekly. Regular practise of these is very important and can have a great, positive impact on their Maths attainment.

Place Value	Addition & Subtraction	Statistics	Multiplication & Division	Perimeter and area
<p>Read numbers up to 10,000,000.</p> <p>Write numbers up to 10,000,000.</p> <p>Determine the value of each digit in any number.</p> <p>Order and compare numbers up to 10,000,000.</p> <p>Round any whole number to a required degree of accuracy.</p> <p>Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000</p> <p>Use negative numbers in context and calculate intervals across zero.</p>	<p>Add and subtract whole numbers with more than 4 digits, including using formal written methods. (columnar addition and subtraction)</p> <p>Add and subtract numbers mentally with increasingly large numbers</p> <p>Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.</p> <p>Solve multi-step addition and subtraction problems in contexts, deciding which operations and methods to use and why.</p>	<p>Solve comparison, sum and difference problems using information presented in line graphs.</p> <p>Complete, read and interpret information in tables including timetables.</p>	<p>Multiply and divide numbers mentally drawing on known facts.</p> <p>Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.</p> <p>Establish whether a number up to 100 is prime and recall prime numbers up to 19.</p> <p>Recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³).</p> <p>Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.</p>	<p>Measure and calculate the perimeter of composite rectilinear shapes in cm and m.</p> <p>Calculate and compare the area of rectangles (including squares) and including using non-standard units, cm², m² estimate the area of irregular shapes.</p>

Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.			Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes. Multiply and divide whole numbers by 10, 100 and 1000	
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History:

Our topic is 'Invaders' where we will be learning about Britain's settlement by the Anglo-Saxons and Scots. We will then learn about The Viking and Anglo-Saxon struggle for the kingdom of England. We will briefly look at Icelandic Vikings also - linked to our class book 'Arthur and the Golden Rope'.

Britain's settlement by Anglo Saxons and Scots					
Learning Focuses					
To know who the Anglo Saxons and Scots were and when and why they invaded Britain.	To understand what daily life was like in an Anglo Saxon village.	To know that artefacts can teach us about the past.	To know that some place names come from the Anglo Saxons and to explain what they mean.	To understand the beliefs of the early Anglo Saxons and describe some gods that they worshiped.	To understand that some Anglo Saxons began to convert to Christianity.
The Viking and Anglo Saxon struggle for the kingdom of England					
To know when, where and why the Vikings invaded.	To know who the Anglo Saxon Kings were and where their kingdoms were.	To know who King Ethelred II was and why Danegeld was introduced.	To understand what daily life was like for Vikings.	To understand how the last Anglo Saxon Kings shaped Britain.	

Geography:

Our geography topic is looking at Suffolk with an Anglo-Saxon link. We will look at local rivers within this.

Learning Focuses				
To investigate features of the water cycle	To look at the features of rivers.	To identify and map local rivers e.g. The River Stour.	To research the river Stour.	To record physical & human features of a local area.

English:

Children will continue to develop their comprehension and writing skills through the study of our class texts. Children will also develop a greater understanding of Y5 grammar and punctuation.

Children will have the opportunity for free reading time in class & they will further develop their reading skills in guided reading sessions. However, we do recommend that children read at home with an adult daily.

Reading	Writing	SPAG
Draw inferences such as inferring characters feelings, thoughts and motives from their actions & justify with evidence. Predict what might happen from details stated & implied. Identify how language, structure and presentation contribute to meaning. Ask questions to improve understanding. Identify themes and connections across books.	Identify & use layout devices e.g. bulletpoints, subheadings. Identify & use cohesive devices across paragraphs e.g. fronted adverbials. Create vivid imagery using similes, alliteration and metaphors. Identify when to use informal and formal language & the differences between these. Identify audience for and purpose of the writing.	Identify and use brackets, commas, & dashes to indicate parenthesis. To identify & use relative pronouns and clauses. To identify and use adverbials of time. To identify & use expanded noun phrases. To identify & use modal verbs, determiners and dashes.

Design & Technology:

Our focus is Invaders and Forces. Children will learn about the ways the Vikings and Saxons lived and will create model Anglo Saxon huts.

Anglo Saxon Learning Focuses					
To research & investigate famous frame structures.	To understand how to strengthen and reinforce frameworks.	Develop a simple design specification to guide the development of their ideas & products.	Formulate a clear plan, including a step-by-step list of what needs to be done and lists of resources to be used.	Select from and use appropriate tools to accurately measure, mark out, cut, shape and join construction materials to make frameworks.	Critically evaluate their products against their design specification, intended user and purpose.

Art:

Learning Focuses			
Drawing and painting			
Know what is meant by 'subtractive drawing'. Learn and apply the techniques of subtractive drawing.	Know what is meant by 'abstract'. Know who Hundertwasser was and explore some of his work.	Understand how to transfer and enlarge an image. Know that lines can be used to create harmony.	Understand how to create abstract art using organic lines and spirals along with bright colours and overlaying of line. (working in the style of an artist.)
Printmaking			
Know that reduction is a method of block printing.	Know how to create reduction prints.	Understand, explain and record the process of creating reduction prints.	

Computing:

For the first half term, we will be focusing on sharing information using computing systems and networks. They will also continue to learn how to use technology safely.

Learning Focuses								
On-line safety			Computing systems and networks					
Demonstrate how to make responsible choices about having an online identity, depending on context.	Know that there may be some people who we communicate with online who may want to do us harm and recognise that this is not our fault.	Learn that some apps or services may share private information.	To explain that computers can be connected together to form systems.	To recognise the role of computer systems in our lives.	To recognise how information is transferred over the internet.	To explain how sharing information online lets people in different places work together.	To contribute to a shared project online.	To evaluate different ways of working together online.

P.H.S.E.

Our focus this term is on Keeping safe.

Learning Focuses					
To understand how to keep safe in the local	To understand the importance of rules	To understand how to keep safe online.	To know about 'mobile phone safety'.	To understand what an emergency is and	To learn what first aid is and

environment. To have an understanding of water safety.		(See online safety in Computing)		how to follow the appropriate procedures.	why it is important.
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P.E, Music & French:

These will be taught by Mrs Dyer on Tuesday afternoons.

We look forward to working with you over the term. Should you ever have any questions or problems, please don't hesitate to make an appointment to see us or pop a note in the home-school diary.

Best Wishes,

Miss Godbold, Mrs Hawes and Mrs George.