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YEAR 5 NEWSLETTER

Spring Term 2019

English in Spring 1 - Beowulf:

Week 1 - Discuss the language used and predict the story. Look at the development of the characters and settings. Use past perfect for description.

Week 2 - Look at how to write from different points of view. Create atmosphere. Distinguish between fact and opinion.

Week 3 - Debating a balanced argument. Discuss and compare the book and film, looking at plot, characters and atmosphere. Links between paragraphs.

Week 4 and 5 - Write a Poem/ Epic story. Write a book review. Using cohesion, ASPICE, description, action and dialogue.

The Lady of Mercians:

Week 6 - Look at the style of writing and description of the character - how does she compare to Beowulf? Look at similarities, differences, pros and cons of the characters.

Week 7 - Plan an alternative ending by considering how the author has developed the character and setting.

English in Spring 2 - Clockwork:

Week 1 and 2 - Discuss what makes a text good and make predictions about reading. Discuss the opening of the text and text mark the techniques the author has used. Debate views on a text. Change and alter language for effect.

Week 3 and 4 - Analyse how the author introduces characters through discussion. Write a character description using description, action and dialogue. Identify the audience and write a narrative by considering how authors have developed characters and settings.

Week 5 and 6 - Read and respond to the text. Write from different viewpoints through a diary entry. Use a variety of sentence structures within writing. Analyse and reflect on your work. Compare and contrast to other texts.

In Maths in Spring 1:

Week 1 (2 days) -

Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

Week 2 - Shape and Angles -

To estimate and compare acute, obtuse and reflex angles. To know that angles are measured in degrees. Draw given angles and measure them in degrees ($^{\circ}$). Identify angles at a point and one whole turn (total 360°). To identify angles at a point and one whole turn. Identify angles at a point on a straight line and $1/2$ a turn (total 180°). To use the properties of rectangles to find related facts, missing lengths and missing angles. Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.

Week 3 - Enterprise Week -

Add and subtract numbers mentally with increasingly large numbers.

Use all four operations to solve problems involving measure e.g. length, mass, volume, money using decimal notation, including scaling.

Week 4 - Area and Perimeter -

Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres. To calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2), square metres (m^2), and estimate the area of irregular shapes (including cubes) and capacity by using water and different containers. Identify 3-D shapes, including cubes and other cuboids, from 2-D representations

Week 5 - Area, Perimeter and Volume -

Estimate volume e.g. using 1cm^3 blocks to build cuboids (including cubes) and capacity e.g. using water.

Week 6 - Reflection and Translation -

Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

Week 7 - Number -

Read, write, order and compare numbers up to at least 1,000,000 and determine the value of each digit.

Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000. Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000

Maths in Spring 2

Week 1: Number

Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.

Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers.

Establish whether a number up to 100 is prime and recall prime numbers up to 19.

Recognise and use square numbers and the notation for squared (2).

Recognise and use cube numbers and the notation for cubed (3).

Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes.

Week 2: 4 Operations

Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.

Add and subtract numbers mentally with increasingly large numbers. Multiply and divide numbers mentally, drawing upon known facts.

Add and subtract whole numbers with more than 4 digits, including using formal written methods (column addition and subtraction).

Week 3 Measure

Use all four operations to solve problems involving measure.

Week 4, 5, 6

Compare and order fractions whose denominators are all multiples of the same number.

Identify and name equivalent fractions of a given fraction, represented visually, including tenths and hundredths.

Write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.

Recognise mixed numbers and improper fractions and convert from one form to the other, and write mathematical statements > 1 as a mixed number e.g. $2/5 + 4/5 = 6/5 = 1 \frac{1}{5}$.

Other curriculum areas in Spring Term

In Science this term: the children will be learning about materials and their properties. They will be learning how materials can change and that some changes are reversible and some are irreversible.

Suggested Home learning: Do some cooking at home and discuss the changes that happen to the ingredients. Are they reversible or irreversible?

In History this term: Year 5 children will be learning about the Anglo Saxons and Vikings this term. They will be learning to order and place events on a timeline, compare sources of information available in different time periods and give reasons for important historical events.

*Suggested Home learning Explore BBC website: <https://www.bbc.com/bitesize/topics/zxsbcdm>
<https://www.bbc.com/bitesize/articles/zq2m6sg#zxxxtfr>*

In Art/ DT this term: The children will be investigating different soups on the market and designing their own soup. In groups, they will be making their soup and some Viking flat bread to go with it. After half term they will study boats and make Viking Boats from clay.

In Life Skills (previously PSHE) this term: The children will be looking at 'Keeping myself safe' and 'Rights and Responsibilities'.

In Music this term: The children will be learning about Anglo Saxon music to begin with. They will then be moving on to learning about Bach and will be learning to play the keyboards. They will be learning about different note values in the music they are playing. The children will be continuing their Keyboard unit and will be learning to compose their own music on the Keyboards

In Computing this term: The children will be learning how to use and apply their skills to the computer programme Sketch Up. They will also be learning about Internet safety and how to search the internet correctly and safely,

In R.E this term: The children will be answering the questions: How did Jesus' teaching challenge people and an Easter Pause day in Spring 2.

Key Word lists

Please discuss the meaning of these words.

English	modal verb, relative pronoun, relative clause parenthesis, bracket, dash cohesion, ambiguity, Complex sentence
Maths	construct, radius, diameter net surface angle, right-angled congruent base, square-based vertex, vertices diagram regular, irregular concave, mirror line, reflection, reflect pattern, repeating pattern, translation parallel, perpendicular x-axis, y-axis quadrant

Please learn to spell these words and know the meaning.

Topic	Anglo Saxons, Vikings, Europe, warriors, invade, attack, settle, battle, victory, borders, settlers, occupation, Jutes, Angles, Saxons, migrated
Science	Reversible, insulate, evaporation, sieving, burning, transparency, solubility, hardness, melting.

Homework

In our new homework policy, the requirements for Year 5 are:

	Reading (or sharing a book, depending on their age and ability)	Spelling (To include online practice, spelling rule hunt and sentence work)	Times Tables / Number bonds work	Half termly creative project
Year 5	30 minutes a night	15 minutes every night	15 minutes every night *	2 ½ hours over the half term

Our Creative Project in Spring 1 is to research and create a model of an Anglo Saxon Hut. These can be bought into school on Monday 11th February. Or, if you decide to make a model too large to bring in, please bring in a photograph on this day.

Our Creative Project in Spring 2 is to research and present information about a famous musical composer. You may present your work in any way you like (but no Powerpoints please!)

All logins for Spelling Shed and Times Tables rockstars have gone out. Please see your child's home school book.

If your child is unable to complete their homework for any reason, please let us know and we can make arrangements for them to complete it at school.

Spellings:

Please see the Home School book for the list of spelling rules.

Vocabulary:

We are keen to develop the vocabulary of the children in Year 5. Please support this by discussing any new words that they read in their books and encouraging them to use different vocabulary when they talk.