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Grange Primary

Growing the seeds for lifelong learning

Dear Parents,

Year 5 Curriculum Newsletter   Spring Term 1

Our class reading book this term will be – Beowulf
English – Fiction and Myths and Legends

Reading goals

To
- Understand the story's cultural and geographical context and use this help visualise the setting
- Connect the story with personal experiences and previous reading
- Explore the obstacles that the main character has to overcome
- Explore story structure and the language the author uses to affect the reader

Writing goals including Grammar

To
- Use carefully-chosen language to describe a character and develop atmosphere
- Include interesting details about Anglo-Saxon customs and culture to help the reader visualise the story setting
- Include adverbs and adverbials of time to create pace and drama *e.g. before the end of the day, as soon as they were finished…*
- Use a range prefixes to develop vocabulary
- Include dialogue to develop characters
- Vary sentence structure using commas correctly.

Spelling goals

Rehearse near near **homophones**; Rehearse spelling rules when modifying root words with **suffixes**; Learn Common Exception Words for Year 5; Plural forms.

Maths

Place value
To interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.

To read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

Addition and subtraction

To add and subtract numbers mentally with increasingly large numbers.

To use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.

To solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Multiplication and Division

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

To multiply and divide numbers mentally drawing upon known facts.

To recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3).

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

To solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.

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

Science

In Science we will learning the following:
- Compare and group together everyday materials on the basis of their properties, including their hardness, transparency, and conductivity (electrical and thermal)
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- Using test results to make predictions to set up further comparative and fair tests
- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- Identifying scientific evidence that has been used to support or refute ideas or arguments

RE	Computing
This unit explores a range of different ideas about God. **This unit will ask:** - Where is God? What do I think about God? What do atheists believe about God? - What do Muslims believe about God? - What do Hindus believe about God? - What do Sikhs believe about God? - What do Christians believe about God? - How might people represent God?	**We are Cryptographers** This unit will enable the children to: - be familiar with semaphore and Morse code - understand the need for private information to be encrypted - encrypt and decrypt messages in simple ciphers - appreciate the need to use complex passwords and to keep them secure - have some understanding of how encryption works on the web

Topic

This half term our topic will be Britain's Settlement by the Anglo-Saxons and the Scots.

The unit will teach:
- To investigate who the Anglo-Saxons were and why they settles in Britain/ To research where the Anglo-Saxons came from and where they settles
- To develop an understanding of Archaeology and archaeological evidence/ To investigate the archaeology of Sutton Hoo
- To investigate the archaeological finds of Sutton Hoo/ To use archaeological finds to suggest what can be learned about the person buried at Sutton Hoo
- To research and record information about the everyday life of Anglo-Saxons/ To present information about the everyday life of Anglo-Saxons
- To investigate how Christianity spread in Anglo-Saxon Britain

Important Information

PE –Monday and Wednesday are PE days. Please ensure your child has their full kit each week.
Spanish – Your child is learning Spanish in weekly Spanish lessons (every Wednesday).

PLEASE NOTE:
- Homework is given out on Tuesdays and is due in the following Monday. There will be a playtime detention each Tuesday if homework is not completed.
- Weekly spellings are handed out on Tuesdays and tested on the following Tuesday
- Does your child know their times tables? Rehearse them using their multiplication chart.
- Please listen to your child read daily to help improve their fluency and accuracy and ensure that they complete their Reading Journal (the green booklet).