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Dear Parents,

### Curriculum Newsletter - Autumn 2

Welcome to a new term at Grange Primary School. We have lots of exciting learning ready for your children!

**Our Class Reader is a classic, *The Borrowers* by Mary North**

<b>English</b>	
<p><b><u>Writing goals including Grammar</u></b></p> <p>To</p> <ul style="list-style-type: none"> <li>• Use carefully-chosen language to describe settings, characters and atmosphere.</li> <li>• Evaluate and edit by proposing changes to vocabulary, grammar and punctuation.</li> <li>• Proofread for spelling and punctuation errors.</li> <li>• Linking ideas across paragraphs using adverbials of time, place and number or tense choices</li> <li>• Identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own.</li> <li>• Selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning.</li> <li>• Using a wide range of devices to build cohesion within and across paragraphs</li> <li>• Assessing the effectiveness of their own and others' writing</li> </ul> <p><b><u>Reading goals</u></b></p> <p>To: Ask questions to improve understanding.</p> <ul style="list-style-type: none"> <li>• Infer a character's thoughts and motives from their actions and justify these inferences with evidence.</li> <li>• Identify how language, structure and presentation contribute to meaning.</li> <li>• Identify how dialogue contributes to characterisation.</li> <li>• Give / explain the meaning of words in context</li> <li>• Summarise main ideas from more than one paragraph</li> <li>• Making comparisons within and across books</li> </ul>	
<b>Maths</b>	
<p><b><u>Calculations: Multiplication and division</u></b></p> <ul style="list-style-type: none"> <li>• To multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers</li> <li>• To multiply and divide numbers mentally, drawing upon known facts</li> <li>• To divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context</li> <li>• To multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000</li> <li>• To recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)</li> <li>• To solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes</li> <li>• To solve problems involving addition, subtraction, multiplication and</li> </ul>	<p><b><u>Fraction</u></b></p> <ul style="list-style-type: none"> <li>• To compare and order fractions whose denominators are all multiples of the same number</li> <li>• To identify, name and write equivalent fractions of a given fraction</li> <li>• To recognise mixed numbers and improper fractions and convert from one form to the other and write</li> <li>• To add and subtract fractions</li> </ul> <p><b><u>Time and measures</u></b></p> <ul style="list-style-type: none"> <li>• To solve problems involving converting between units of time</li> <li>• Convert between different units of metric measure</li> </ul> <p><b><u>Shapes and angles</u></b></p> <ul style="list-style-type: none"> <li>• To know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles</li> <li>• To calculate and compare the area and perimeter of rectangles (including squares</li> <li>• use the properties of rectangles to deduce related facts and find missing lengths and angles</li> </ul>

	<ul style="list-style-type: none"> <li>identify angles at a point and one whole turn (total 360o) angles at a point on a straight line and ½ a turn (total 180o) other multiples of 90o</li> </ul>
<b><u>Science</u></b>	<b><u>Computing</u></b>
<b><u>Animals (including humans): Life Explorers-</u></b> During this unit, children will: <ul style="list-style-type: none"> <li>Complete online research to find out the gestation periods of a range of animals (including humans).</li> <li>Explore the key stages of human foetal development.</li> <li>Explore baby growth through statistics.</li> <li>Explore the physical and mental changes to the human body as it ages.</li> <li>Create a visual timeline of key events in a human life.</li> </ul>	<b><u>We are web developers</u></b> During this unit, children will: <ul style="list-style-type: none"> <li>Develop their research skills to decide what information is appropriate</li> <li>Understand some elements of how search engines select and rank results</li> <li>Question the plausibility and quality of information</li> <li>Develop and refine their ideas and text collaboratively</li> <li>Develop their understanding of online safety and responsible use of technology.</li> </ul>
<b><u>RE</u></b>	<b><u>PSHE</u></b>
<b><u>How Christmas is celebrated around the world</u></b> This unit also allows children to look at the differences in customs and traditions associated with celebrating Christmas in different parts of the world. Children will be learning: <ul style="list-style-type: none"> <li>What differences are there in accounts given by Luke and Matthew?</li> <li>Which stories have developed from the 'real' Christmas story?</li> <li>What happens during Advent?</li> <li>How do Christmas traditions vary around the world?</li> <li>What is Epiphany? How is Epiphany celebrated around the world?</li> <li>What story or play can we create based on traditional Christmas themes?</li> </ul>	<b><u>Celebrating Differences</u></b> This half term the PSHE foci will be: <ul style="list-style-type: none"> <li>Embracing our differences</li> <li>Respect</li> <li>Tolerance</li> <li>Gratitude</li> <li>Empathy</li> <li>Developing a Growth Mindset</li> <li>British Values</li> </ul>
<b><u>Topic</u></b>	<b><u>Art/DT</u></b>
This term, we will explore the topic, Extreme Earth as part of Geography. We will: <ul style="list-style-type: none"> <li>To find out about the Earth's climate and areas of extreme temperatures.</li> <li>To find out about the water cycle and the distribution of water across the world.</li> <li>To find out about extreme weather conditions across the world.</li> <li>To find out about earthquakes and what causes them.</li> <li>To find out about tsunamis and how they are caused.</li> <li>To find out what volcanoes are and how they are formed.</li> </ul>	This term in DT we will explore Fashion & Textiles. We will learn: <ul style="list-style-type: none"> <li>To investigate and analyse items made using textiles: the materials used and how they are made.</li> <li>To explore some ways in which textiles are joined and decorated</li> <li>To design an item made using textiles, and draw pattern pieces.</li> <li>To use pattern pieces to measure, mark and cut fabric; to sew design elements according to a design.</li> <li>To join fabric pieces by hand</li> <li>To sew hems on an item made using textiles; to add design details.</li> </ul>
<b><u>Important Information</u></b>	
<b>PE – Tuesdays and Friday are PE days. Please ensure your child has their full kit each week.</b> . <b>PLEASE NOTE:</b> <ul style="list-style-type: none"> <li>Homework is given out on Tuesdays and due in the following Monday. There is now a homework club after school on Wednesday's. If you would like your child to attend speak to the class teacher.</li> <li>Weekly spellings are handed out Tuesdays and tested on the following Monday</li> <li>Does your child know their times tables? Rehearse them using their multiplication chart.</li> <li>Please listen to your child read daily to help improve their fluency and accuracy and ensure that they complete their reading journal (the yellow booklet).</li> <li>Finally remind your child to log onto Bug club regularly to utilize the books and fun activities online.</li> </ul>	

If you would like to discuss any matters concerning your child, please do not hesitate to get in touch

Ms. Nelson-Cole