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Dear Parents,

Year 5 Curriculum Newsletter
Autumn 2

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

Our core literacy texts are 'Holes' by Louis Sachar and '23 Degrees 5 Minutes' Literacy Shed Film

Our class-reading book of the half term are fairy tales and alternative fairy tales.

English	Maths
<p><u>Writing including Grammar</u></p> <p>To</p> <ul style="list-style-type: none"> Use carefully chosen language to describe settings, characters and atmosphere. Evaluate and edit by proposing changes to vocabulary, grammar and punctuation. Proofread for spelling and punctuation errors. Linking ideas across paragraphs using adverbials of time, place and number or tense choices Identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own. Selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning. Using a wide range of devices to build cohesion within and across paragraphs Assessing the effectiveness of their own and others' writing <p><u>Reading</u></p> <p>To: Ask questions to improve understanding.</p> <ul style="list-style-type: none"> Infer a character's thoughts and motives from their actions and justify these inferences with evidence. Identify how language, structure and presentation contribute to meaning. Identify how dialogue contributes to characterisation. Give / explain the meaning of words in context Summarise main ideas from more than one paragraph <p>Making comparisons within and across books</p>	<p><u>Fractions, decimals and percentages:</u></p> <ul style="list-style-type: none"> Know that 10 tenths are equivalent to 1 one, and that 1 is 10 times the size of 0.1. Know that 100 hundredths are equivalent to 1 one, and that 1 is 100 times the size of 0.01. Know that 10 hundredths are equivalent to 1 tenth, and that 0.1 is 10 times the size of 0.01. Compare and order fractions whose denominators are all multiples of the same number Identify, name and 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 [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$] Add and subtract fractions with the same denominator and denominators that are multiples of the same number Round decimals with two decimal places to the nearest whole number and to one decimal place Solve problems involving number up to three decimal places <p><u>Measures:</u></p> <ul style="list-style-type: none"> Solve problems involving converting between units of time Convert between different units of metric measure gram and kilogram Convert between units of measure, including using common decimals Use all four operations to solve problems involving measure (MASS) using decimal notation, including scaling <p><u>Geometry:</u></p> <ul style="list-style-type: none"> Distinguish between regular and irregular polygons based on reasoning about equal sides and angles Draw given angles, and measure them in degrees

<u>Science</u>	<u>Computing</u>
<p><u>Animals (including humans):</u> During this unit, children will:</p> <ul style="list-style-type: none"> • Complete online research to find out the gestation periods of a range of animals (including humans) • Explore the key stages of human foetal development • Explore baby growth through statistics • Explore the physical and mental changes to the human body as it ages • Create a visual timeline of key events in a human life 	<p><u>We are Cryptographers</u> During this unit, children will:</p> <ul style="list-style-type: none"> • 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 <p>Develop their understanding of online safety and responsible use of technology.</p>
<u>RE</u>	<u>PSHE</u>
<p><u>How Christmas is celebrated around the world</u> 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:</p> <ul style="list-style-type: none"> • What differences are there in accounts given by Luke and Matthew? • Which stories have developed from the 'real' Christmas story? • What happens during Advent? • How do Christmas traditions vary around the world? • What is Epiphany? How is Epiphany celebrated around the world? • What story or play can we create based on traditional Christmas themes? 	<p><u>Celebrating Differences</u> This half term the PSHE focus will be:</p> <ul style="list-style-type: none"> • Embracing our differences • Respect • Tolerance • Gratitude • Empathy • Developing a Growth Mindset • British Values
<u>Topic</u>	<u>Art/DT</u>
<p>This term, we will complete a case study of a region within North America. As well as comparing geographical features of North America with our own locality.</p> <p>We will be looking to answer these questions:</p> <ul style="list-style-type: none"> • Where is North America? • Which countries make up North America? • Can I locate North America on a map? • What are the geographical features of North America? • Can I make comparisons with my local area? 	<p>This term in DT we will explore Fashion & Textiles. We will learn:</p> <ul style="list-style-type: none"> • To investigate and analyse items made using textiles: the materials used and how they are made • To explore some ways in which textiles are joined and decorated • To design an item made using textiles and draw pattern pieces • To use pattern pieces to measure, mark and cut fabric; to sew design elements according to a design. • To join fabric pieces by hand • To sew hems on an item made using textiles; to add design details
<u>Important Information</u>	
<p>PE – Wednesday and Friday are PE days. Please ensure your child has their full kit each week. PLEASE NOTE:</p> <ul style="list-style-type: none"> • Homework is given out on Tuesday and due in the following Monday. There will be a playtime detention each Tuesday if homework is not completed. Weekly spellings are handed out with homework and tested every Monday. • Does your child know their times tables? Rehearse them using their multiplication tables 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). 	

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

Mrs. R Collins