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Dear Parents,

Year 5 Curriculum Newsletter Summer Term 2

Our class reading book this term will be – The hundred year old man that bought a mountain

English

Reading goals

- To give / explain the meaning of words in context.
- To retrieve and record information / identify key details from fiction and non-fiction.
- To summarise main ideas from more than one paragraph.
- To make inferences from the text / explain and justify inferences with evidence from the text.
- To predict what might happen from details stated and implied.

Writing goals:

Children will plan , draft and write :

- Narrative
- Informal letter
- Setting Description
- Narrative-short story

Grammar goals:

- To use devices to build cohesion
- To spell and use correctly verb prefixes - dis-, de-, mis
- To converting nouns or adjectives into verbs using suffixes
- To use direct and indirect speech.
- To revise commas for clarity
- To consolidate sentence punctuation

Spelling goals

- Problem suffixes, homophones and strategies for learning words: words from statutory spelling lists (5/6).

Maths

Geometry

To 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 (cm²) and square metres (m²) and estimate the area of irregular shapes

Shape

To identify 3-D shapes, including cubes and other cuboids, from 2-D representations.

Measures

To convert between units of measure, including using common decimals and fractions.

To understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.

To use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.

Science	PSHE
<p>In Science our topic will be : Earth & Space We will seek to:</p> <ul style="list-style-type: none"> Describe the movement of the Earth, and other planets, relative to the Sun in the solar system Describe the movement of the Moon relative to the Earth Describe the Sun, Earth and Moon as approximately spherical bodies Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky 	<p>The unit this half term is Changing Me. It includes:</p> <ul style="list-style-type: none"> Understanding that everyone is unique and special. Expressing how you feel when change happens. Understanding and respect the changes that you see in other people. Know who to ask for help if you are worried about change.
RE	Computing
<p>We will address the question, What do religions believe about God? In this unit the children will answer the questions:</p> <ul style="list-style-type: none"> Where is God? What do I think about God? What do atheists believe about God What do Muslim people believe about God? What do Hindu people believe about God? What do Sikh people believe about God? What do Christian people believe about God? How might different people represent God? 	<p>In this unit of work children will explore what it means to be an architect and create different virtual spaces.</p> <p>This unit will enable the children to:</p> <ul style="list-style-type: none"> Understand the work of architects, designers and engineers working in 3D. Develop familiarity with a simple CAD (computer-aided design) tool. Develop spatial awareness by exploring and experimenting with a 3D virtual environment. Develop greater aesthetic awareness.
Topic	
<p>This term's topic Magnificent Mountains children will develop their knowledge of mountains</p> <ul style="list-style-type: none"> Describe and understand key aspects of mountains. Understand how different types of mountains are formed. Understand that climate change may affect mountain environments. Understand some potential humans' effects on environments, including the impact of tourism 	
DT: Moving Mechanisms	
<p>Children will:</p> <p>To investigate toys with moving cam mechanism</p> <p>To investigate different types of cam mechanisms.</p> <p>To investigate ways of strengthening structures for a moving toy.</p> <p>To be able to design a moving toy with a cam mechanism.</p> <p>To be able to follow a design to create a moving toy with a cam mechanism</p> <p>To be able to evaluate a moving toy</p>	
Important Information	
<p>PE –Tuesday and Friday are PE days. Please ensure your child has their full kit each week.</p> <p>Spanish – Your child is learning Spanish in weekly Spanish lessons</p> <p>Educational Visits: London Eye</p> <p>PLEASE NOTE:</p> <ul style="list-style-type: none"> Homework and weekly spellings are given out on Tuesdays and is due in the following Monday. 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). Encourage your child/children to use Bug Club and Mathletics to practise skills they have learnt in school. <p>Many thanks, Mrs. Farrell KS2 Phase Leader</p>	