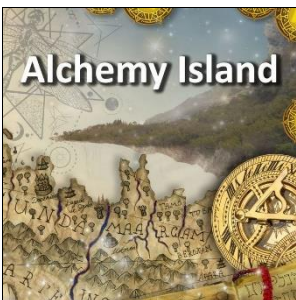


Year 5 Spring 1

Alchemy Island



Dear Parents and Carers,

Alchemy Island

It's time to suspend your disbelief and open your mind. We're going on a magical journey to Alchemy Island. Can you find the gold hidden deep within the island's mysterious landscape? The only way is to study the map, unravel the riddle and begin your adventure. On the way, you must do all you can to learn about gold and master the ancient art of alchemy.

Be creative and try to impress the island's team of ace alchemists. Will they praise your scientific expertise? What if there were a video game version of Alchemy Island? Could you compose a stunning soundtrack to bring this mysterious landscape to life? You've got your map, coordinates and everything else you need to make your way across Alchemy Island. Don't forget to pack your imagination. Got your suitcase ready? Then let the journey begin.

Kind regards,

Mrs Georgiou, Ms Groom & Mrs McDonagh

Science	Maths	English - writing
<p>Compare everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.</p> <p>Use our understanding of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</p>	<p>We will continue with Fractions. Focussing on;</p> <p>Add and subtract fractions with the same denominator</p> <p>Add fractions within 1</p> <p>Add fractions with total greater than 1</p> <p>Add to a mixed number</p> <p>Add two mixed numbers</p> <p>Subtract fractions</p> <p>Subtract from a mixed number</p> <p>Subtract from a mixed number - breaking the whole</p> <p>Subtract two mixed numbers</p> <p>We will then work on Multiplication and Division. Focussing on;</p> <p>Multiply up to a 4-digit number by a 1-digit number</p> <p>Multiply a 2-digit number by a 2-digit number</p> <p>Multiply a 3-digit number by a 2-digit number</p> <p>Multiply a 4-digit number by a 2-digit number</p> <p>Solve problems with multiplication</p> <p>Short division</p> <p>Divide a 4-digit number by a 1-digit number</p> <p>Divide with remainders</p> <p>Efficient division</p> <p>Solve problems with multiplication and division</p>	<p>Use descriptive and figurative language to write the opening of a fantasy story.</p> <p>Use formal language to write a non-chronological report on a fantastical creature</p>

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PSHE	RE	Computing	PE
<p>Children to write their own New Year Resolutions. Children to think of a personal goal that they aim to work on throughout the year.</p> <p>Children to recognise that their increasing independence brings increased responsibility to keep themselves and others safe. Children to make safe and sensible decisions about what online content they should/shouldn't share.</p> <p>Children to understand what the term cyberbullying means and examples of it. What it feels like for the victim and how to get help if they experience cyberbullying.</p>	<p>Our topic this term is 'Inspirational People'. We will discuss how Jesus inspires us to love God and one another and how we can do this in our daily lives.</p> <p>We will look for evidence in the Bible (particularly the Beatitudes) where, and his Disciples, have demonstrated this love.</p> <p>We will then explore how missionaries, people in our communities and those known closely to us demonstrate love and can inspire us too.</p>	<p>Children will be recapping how to stay safe online.</p> <p>Children will be assessing the reliability of sources of information online.</p> <p>Children will use software to edit and manipulate photos of natural 'portals'.</p>	<p>Outdoor: Netball Children will learn passing and moving, to move the ball up the court, creating an attack that results in a shot when in possession and react instantly when they lose possession, transition into defence. Children will develop their understanding of attacking and defending positions.</p> <p>Outdoor: Tennis Children will develop attacking/defending tactics to outwit an opponent. Children will look to refine their striking skills with a tennis racquet to score a point. Children will develop key vocabulary throughout the unit and apply this terminology when umpiring their own games.</p>
History	Geography	Art & Design	Design & Technology
<p>We will not be teaching History this half term.</p>	<p>Children to understand what physical and human features are.</p> <p>Children to understand how height is shown on a map and to interpret contour lines to show the height of the land.</p> <p>Children to understand how to use four-figure and six-figure grid references and locate features on a map.</p>	<p>We will not be teaching Art & Design this half term.</p>	<p>Children will research and design a board game based on Alchemy Island.</p>

Year 5 Spring 1

French	Music	Forest School	
<p>Topic: Les Habitats (Habitats)</p> <p>Vocabulary: words for range of habitats, conditions, plants and animals.</p> <p>Skills:</p> <ul style="list-style-type: none"> -describing habitats and naming plants or animals that are suited/not suited to them. - using cognates and known vocabulary to try and make sense of longer sentences. -learning to use bi-lingual dictionaries to find the meaning of new words. - joining in a song about animals, plants and habitats. 	<p>Indonesian Music</p> <p>Children will investigate the features of gamelan music, looking at the scales and rhythms used.</p> <p>Children will explore the different timbres of Indonesia.</p>	<p>We will not have Forest School this term</p>	
Trips/Curriculum Days	PE Days	Key Dates for Y5 this half term	Ideas for home
<p>Friday 2nd February NSPCC Number Day</p> <p>Tuesday 6th February Safer Internet Day</p> <p>Wednesday 7th February Theatre trip to see 'Wicked'</p>	<p>PE Spring 1 (Outdoor):</p> <p>5G Monday and Tuesday</p> <p>5MG Monday and Tuesday</p> <p>Year 5 will have both PE Lessons outdoor this half term.</p> <p>In line with our uniform policy, children are expected to wear their PE school shorts (not cycling shorts) to school as their PE kit.</p> <p>During periods when the children are wearing their winter uniform, they may choose to keep their shorts in their school bag, on their pegs or wear them under their tracksuit bottoms.</p>	<p>Wednesday 10th January Parents book look 3.45-5.30pm</p> <p>Wednesday 7th February Trip to see 'Wicked'</p> <p>TTRS Tournaments:</p> <p>Starts on Monday 22nd January at 8am and finishes on Monday 29th January at 6pm.</p> <p>5G Girls VS 5G Boys 5MG Girls VS 5MG Boys</p>	<p>Find out about the work of an alchemist and write a non-chronological report, including facts, diagrams and illustrations.</p> <p>Make a list of foods that change state when heated or cooled, such as eggs, water, butter and chocolate.</p> <p>Find out about the life and works of famous chemists in history. Write a short biography of a chemist, such as Marie Curie or Robert Boyle.</p>



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	If your child feels that it is necessary, they can bring in a roll-on deodorant to apply before and after their PE lessons.	Starts on Tuesday 13th February at 8am and finishes on Tuesday 20 th February at 6pm. <i>5G VS 6G</i> <i>5MG VS 6S</i>	
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Please make sure that you have downloaded the app 'SchoolPing,' so you can receive messages from the Year 5 Teachers and the school.

Children can **bring in fresh fruit or vegetables** to eat at break time.

Please encourage your child to **read and use TT Rockstars daily** at home.

Please refer to the **spellings document** for the weekly spelling words and when spelling tests will take place.

Please make sure that you **read the weekly newsletter** sent from the office – this contains information about what has happened in school that week and important dates for the future.