









Year 5 Home Learning Summer 1

This half term, children are invited to complete a range of home learning tasks linked to the curriculum and the learning taking place in class. While you are welcome to complete as many tasks as you like, we ask that you complete at least three tasks across different subjects, for example, one English, one Maths, and one from another area of the curriculum.

Home learning is due in the week beginning (Monday 18th May) when children will have the opportunity to share their work with peers and teachers across the year group and receive feedback. Tasks can be completed in home learning exercise books or in any format you prefer.

English		Maths		Other Curriculum Subjects	
	<p>Extreme Survival Diary Write a series of diary entries from the point of view of a survivor in a dangerous environment (e.g. jungle, desert, Arctic, stranded at sea). Include:</p> <ul style="list-style-type: none"> Powerful setting description Thoughts and feelings in first-person A dangerous problem or threat How the character attempts to survive <p>Present as: illustrated diary booklet or digital slideshow</p>		<p>Angles Adventure Challenge Create an interactive maths poster or mini-booklet that teaches others about angles. Include:</p> <ul style="list-style-type: none"> Examples of acute, obtuse and reflex angles Clearly measured angles up to 180° using a protractor Real-life examples of angles (e.g. clock hands, sports movements, buildings) A short explanation of how to estimate angles <p>Focus on:</p> <ul style="list-style-type: none"> Understanding and using degrees Classifying angles accurately Drawing lines and angles neatly and precisely <p>Present as: labelled poster or folded maths booklet</p>		<p>Science: Plant Life Cycle Investigation Create a labelled life cycle model or poster showing how plants reproduce and grow. Choose one:</p> <ul style="list-style-type: none"> Flowering plant life cycle Sexual vs asexual reproduction comparison Pollination journey (e.g. bee, wind or water pollination) <p>Include:</p> <ul style="list-style-type: none"> Clear labelled diagrams Explanation of how seeds are formed Key scientific vocabulary <p>Focus on:</p> <ul style="list-style-type: none"> Differences between sexual and asexual reproduction How pollination happens Scientific explanation <p>Present as: poster, 3D model or mini fact booklet</p>
	<p>Create a Survival Creature Report Design and describe a mysterious creature that lives in an extreme survival environment. Include:</p> <ul style="list-style-type: none"> A labelled drawing of your creature A detailed character description 		<p>Shape Investigator Project Design a “shape investigation board” showing what you know about 2D and 3D shapes. Include:</p> <ul style="list-style-type: none"> Examples of regular and irregular polygons 		<p>Geography: Ocean Awareness Campaign Design an informative campaign to teach others why oceans are important. Include:</p> <ul style="list-style-type: none"> Location of the Great Barrier Reef Ways humans impact oceans and coral reefs

	<ul style="list-style-type: none"> Information about how it survives (diet, habitat, special abilities) <p>Focus on:</p> <ul style="list-style-type: none"> Relative clauses Figurative language (similes / personification) Precise verbs and adventurous vocabulary <p>Present as: fact file poster or mini information booklet</p>		<ul style="list-style-type: none"> A labelled drawing or model of 3D shapes Identification of lengths and angles within shapes Angles shown on a straight line and around a point <p>Focus on:</p> <ul style="list-style-type: none"> Careful mathematical labelling Accurate angle calculations Use of mathematical vocabulary <p>Present as: poster, mini model display, or digital slide</p>		<ul style="list-style-type: none"> Suggestions for keeping oceans healthy <p>Focus on:</p> <ul style="list-style-type: none"> Environmental responsibility Clear geographical explanation Persuasive language <p>Present as: poster, model, leaflet or digital presentation</p>
	<p>Adventure Opening Scene Write an exciting opening scene for a survival adventure story.</p> <p>Include:</p> <ul style="list-style-type: none"> Description of the setting and atmosphere Introduction of the main character A sudden problem or cliffhanger ending <p>Focus on:</p> <ul style="list-style-type: none"> Varying sentence lengths for effect Dialogue or inner thoughts Powerful vocabulary choices Show not tell <p>Present as: neatly written story page or typed paragraph</p>		<p>Coordinate Treasure Map Create a treasure map using a coordinate grid.</p> <p>Include:</p> <ul style="list-style-type: none"> At least 8 plotted coordinate points A hidden treasure route that requires problem solving using coordinates Instructions for someone else to follow your route A translated shape shown in at least two different positions <p>Focus on:</p> <ul style="list-style-type: none"> Reading and plotting coordinates Translating shapes using directions and coordinates Clear presentation and accuracy <p>Present as: colourful map on grid paper or digital design</p>		<p>R.E: Sanatana Dharma Hindu Beliefs Learning Wheel Create a learning wheel or information board explaining key Hindu beliefs.</p> <p>Include sections on:</p> <ul style="list-style-type: none"> Dharma Karma Samsara Moksha Brahman <p>Focus on:</p> <ul style="list-style-type: none"> Clear explanations Respectful understanding of beliefs Use of key vocabulary <p>Present as: circular diagram, moving wheel, poster or booklet</p>
	<p>Poem: Survival Voices Write a poem inspired by survival in a dangerous or unfamiliar environment.</p> <p>Choose one:</p> <ul style="list-style-type: none"> Lost in a storm Alone in the jungle Stranded on an island Walking through the frozen Arctic <p>Include:</p>		<p>Symmetry and Reflection Art Design a piece of mathematical artwork using symmetry and reflections.</p> <p>Include:</p> <ul style="list-style-type: none"> At least one line of symmetry A shape reflected in horizontal and vertical lines Repeated patterns showing 		<p>Artist Study – Helen Ahpornsiri Nature Collage Artwork- Create an artwork inspired by Helen Ahpornsiri using natural materials.</p> <p>Include:</p> <ul style="list-style-type: none"> Pressed flowers or leaves Careful arrangement inside a tree or nature shape Attention to line, tone and texture <p>Focus on:</p> <ul style="list-style-type: none"> Observational drawing Creative composition Evaluation of your final piece

	<ul style="list-style-type: none"> Thoughts and emotions of the survivor Description of the setting and atmosphere A sense of danger or hope Powerful imagery <p>Focus on:</p> <ul style="list-style-type: none"> First-person voice Figurative language (similes, metaphors, personification) Repetition or alliteration for effect Adventurous vocabulary <p>Present as: illustrated poem, mini poetry booklet, or digital slide</p>		<p>mathematical precision</p> <ul style="list-style-type: none"> A short explanation of how you created the reflections <p>Focus on:</p> <ul style="list-style-type: none"> Careful measuring and neat drawing Understanding symmetry and reflection Mathematical reasoning and consolidation of learning <p>Present as: patterned artwork, tessellation design, or digital slide</p>		<p>Present as: mounted collage or sketchbook page</p>
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<p>Useful websites and resources</p> <ul style="list-style-type: none"> Bug Club https://www.activelearnprimary.co.uk/login?c=0 BBC Bitesize: Videos, quizzes and lessons across the curriculum: https://www.bbc.co.uk/bitesize Times Table practice: https://play.ttrockstars.com/ IXL: Maths games and activities: https://uk.ixl.com/maths/year-5 	<p>Weekly non-negotiables and reminders</p> <p>Remember to:</p> <ul style="list-style-type: none"> Read your reading book at least five times a week and ensure an adult signs your reading record/homework diary weekly Complete weekly online Maths learning (Century) Practise your weekly spellings in your home learning books P.E days: <ul style="list-style-type: none"> Outdoor P.E: Every Wednesday Indoor P.E: Every Friday 17.4.26: Year 5 Stay and Read: 8:40am – 9:00am 23.4.26: 5PS Class assembly 14.5.26 - Trip to Kew Gardens (all classes) 21.5.26 - STEM Focus Day
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