

Year 5

Medium Term Plan - Autumn One

Hazelbury Value	Rights Respecting Focus	Oracy Focus	Enrichment and Experiences
		1. To identify when a discussion is going off topic and to be able to bring it back on track. (Social & Emotional) 2. To praise others for using subject specific vocabulary. (Social & Emotional) 3. To ask questions that clarify and probe (Cognitive)	- Thames Water visit

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Literacy	 Text: How to be More Hedgehog		 Text: There's a Boy in the Girls' Bathroom, Louis Sachar		 Text: Poem for Every Night of the Year		 Text: Lizzie and Belle Mysteries
	Outcome: Narrative Key word: Rebound	Outcome: Speech Key word: Boundaries	Outcome: Narrative Keyword: Apprehensive	Outcome: E-mail Key Word: Frantically	Outcome: A rap Key Word: Potential	Outcome: Autumnal poem Key Word: Autumnal	Outcome: Descriptive narrative Key Word: Surreptitious
Mathematics	Objective: Place Value -To read and write numbers to 1,000,000 -To know the value of each digit in	Objective: Addition -To use a written method to add numbers with more than 4 digits.	Objective: Subtraction -To use a written method to subtract number with more than 4 digits.	Objective: Multiplication -To multiply a 4 digit number by 1 digit -To multiply a 4 digit number by 2 digit	Objective: Division -To use written method to divide by a 1 digit number. -To use a written method to divide with remainders.	Objective: Shape -To be able to describe 2D shapes distinguishing between regular and irregular. - To identify and describe 3D shapes	Objective: Statistics -To read and interpret line graphs -To solve difference problems within a line graph. -To read and interpret tables

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	numbers up to 1,000,000 -To order and compare numbers up to 1,000,000 -To count forward and backwards in steps of 10 for any number up to 1,000,000	-To add mentally with increasingly larger numbers. - To solve multistep addition problems.	-To subtract mentally with increasingly larger numbers. - To solve multistep subtraction problems.	- To multiply whole numbers by 10,100 and 1000.	-To divide whole numbers by 10, 100,1000	-To be able to identify 3D shapes from 2D representations.	
Science Unit: FORCES Key Words: force, resistance, levers, friction. 	Lesson 1: Objective: To identify forces acting on objects.	Lesson 2: Objective: To explore the effect that gravity has on objects and how the first theory of gravity was developed.	Lesson 3: Objective: To plan an investigation to test the effects of air resistance.	Lesson 4: Objective: To carry out an investigation testing the effects of air resistance.	Lesson 5: Objective: To explore and design mechanisms and explain how different mechanisms work.	Lesson 6: Objective: To describe how pulleys make difficult work easier.	
Geography Focus: The sustainability of our school  Focus Word: Sustainable	Lesson 1: What are renewable and sustainable energy sources	Lesson 2: What is energy used for in our school?	Lesson 3: What renewable and sustainable energy should the school have and where should it be located?	Lesson 4: What has my fieldwork shown?	Lesson 5: What can we do as a school to save energy?		Lesson 6: How do we solve the world's energy crisis?
Art/DT Unit: To create a useful product from recyclable material (flowers)		Lesson 1: How can plastic waste be repurposed into new structures?	Lesson 2: What does the word 'functional' mean in design?	Lesson 3: What are design criteria and why are they needed?	Lesson 4: What do we mean by selecting appropriate tools?	Lesson 5: What different ways are there of joining materials together?	Lesson 6: What does it mean to reinforce products?

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Key Words: Repurpose Aesthetic interlocking							
PE Unit: OAA  Key words: Orientation Critical thinking Negotiation	Lesson 1: To develop communication and negotiation skills.	Lesson 2: Objective: To develop communication and negotiation skills.	Lesson 3: Objective: To develop strong communication and negotiation skills to solve challenges.	Lesson 4: Objective: To develop planning and problem solving skills.	Lesson 5: Objective: To share ideas and work as a team to solve problems.	Lesson 6: Objective: To develop navigation skills and map reading.	Lesson 7: Objective: To create and follow a key and route on a map.
PE Unit: Football  Key words: Defensive Possession Tactics	Lesson 1: Objective: To develop attacking skills and apply them to different situations	Lesson 2: Objective: To send and receive under pressure	Lesson 3: Objective: To communicate with my team, move into space and take the ball towards the goal.	Lesson 4: Objective: To use defensive techniques to win possession	Lesson 5: Objective: To apply defending tactics as a team	Lesson 6: Objective: To use and apply skills, principles and tactics to a game situation	Lesson 7: Objective: To apply my skills
PSHE Unit: Relationships (TEAM)  Key words: Attribute Contribute Compromise	Lesson 1: Objective: To talk about the attributes of a good team	Lesson 2: Objective: To accept that people have different opinions and know that we can politely disagree with others and offer own opinion	Lesson 3: Objective: To compromise and collaborate to ensure a task is completed	Lesson 4: Objective: To reflect on the need to care for individuals within a team	Lesson 5: Objective: To reflect on the need to care for individuals within a team	Lesson 6: Objective: To identify hurtful behaviour and suggest ways to help	Lesson 7: Objective: To understand the importance of shared responsibilities in helping a team to function successfully
Computing	Lesson 1:	Lesson 2:	Lesson 3:	Lesson 4:	Lesson 5:		Lesson 6:

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Unit: Systems & Searching  Key words: Algorithm Web Crawler Selection	Objective: To explain that computers can be connected together to form systems	Objective: To recognise the role of computer systems in our lives	Objective: To identify how to use a search engine	Objective: To describe how search engines select results	Objective: To explain how search results are ranked		Objective: To recognise why the order of results is important and to whom
Music  Unit: Africa Key words: Expressive Harmony Context		Lesson 1: Objective: To copy and improvise rhythms through musical games and song.	Lesson 2: Objective: To perform an independent part within a whole class ensemble	Lesson 3: Objective: To apply and use key features of African music to create rhythmic compositions	Lesson 4: Objective: To develop a piece of music considering the structure	Lesson 5: Objective: To refine and perform our composition and critically appraise it.	Lesson 6: Objective: To perform a group composition with confidence, using the key features of African music.
French: Me and friends at school 		Lesson 1: Objective: I can understand some adjectives to describe my feelings	Lesson 2: Objective: I can begin to answer the question "how are you?" in more detail.	Lesson 3: Objective: I can say an extended sentence about how I am feeling.	Lesson 4: Objective: I can say some important things about myself and somebody else.	Lesson 5: Objective: I can say if I like or dislike a school subject.	Lesson 6: Objective: I can give my opinion about school subjects

Religion and Worldview Day:	Judaism - What role does forgiveness play in the world's religions?
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