

KS2 – Year Five

Year 5 Ruby and Garnet	Term 2 Autumn 2	Enquiry Theme	Hubble, Bubble, Boil and Trouble!
		Enquiry Engagement Question	How do materials change?
Role play	Inside	Science laboratory	

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	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
English-reading- whole class text	Lilliput by Sam Gayton						
Reading To read a wide range of genres, identifying the characteristics of text types and differences between text types. To discuss vocabulary used by the author to create effect including figurative language. To evaluate the use of authors’ language and explain how it has created an impact on the reader. To draw inferences from characters’ feelings, thoughts and motives. To make predictions based on details stated and implied, justifying them in detail with evidence from the text. To use knowledge of texts and organisation devices to retrieve, record and discuss information from fiction and non-fiction texts.	Use knowledge of texts and organisation devices to retrieve, record and discuss information from fiction and non-fiction texts. Make predictions based on details stated and implied, justifying them in detail with evidence from the text.	Draw inferences from characters’ feelings, thoughts and motives. 					

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English-handwriting 1 Introducing sloped writing in letter families 2 Practising sloped writing: diagonal join to ascender: th, sh, nb, nd, ht, st 3 Practising sloped writing: diagonal join, no ascender: ai, ay, kn, er, i, en 4 Practising sloped writing: diagonal join to an anticlockwise letter: ac, sc, bo, da, ea, ho 5 Practising sloped writing: horizontal join to ascender: wh, wl, oh, ol, of, ob 6 Practising sloped writing: horizontal join, no ascender: oi, oy, ou, op. ve 7 Practising sloped writing: horizontal join to an anticlockwise letter: oo, oa, wa, wo, va, vo 8 Practising sloped writing: joining from r: ra, re, ri, ro, ru 9 Practising sloped writing: joining from s: sh, su, sc, sl, sw, sp 10 End-of-term check	6 Practising sloped writing: horizontal join, no ascender: oi, oy, ou, op. ve	6 Practising sloped writing: horizontal join, no ascender: oi, oy, ou, op. ve 7 Practising sloped writing: horizontal join to an anticlockwise letter: oo, oa, wa, wo, va, vo	7 Practising sloped writing: horizontal join to an anticlockwise letter: oo, oa, wa, wo, va, vo	8 Practising sloped writing: joining from r: ra, re, ri, ro, ru	8 Practising sloped writing: joining from r: ra, re, ri, ro, ru 9 Practising sloped writing: joining from s: sh, su, sc, sl, sw, sp	9 Practising sloped writing: joining from s: sh, su, sc, sl, sw, sp	10 End-of-term check
Maths Statistics Multiplication and Division Measurement: Perimeter and Area	Statistics	Statistics	Multiplication and Division	Multiplication and Division	Multiplication and Division	Measurement: Perimeter and Area	Measurement: Perimeter and Area
Maths-Foundational Facts	Round to the nearest 10, 100 and 1000	Round to the nearest 10, 100 and 1000	Multiply numbers by 10, 100 and 1000	Divide numbers by 10, 100 and 1000	Double and halve numbers to 1000	Recall all multiplication and division facts up to 12x12	
Science Properties of material and reversible changes Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution	Compare how quickly different solids dissolve in water using a fair test. Gather and record data systematically.	Use filtering and sieving to separate mixtures and explain which method works best. Use results from comparative tests to suggest what might	Use evaporation to recover a solid from a solution and explain why this is a reversible change. Use previous data to suggest further values to predict how temperature might	Compare different examples of reversible changes and explain what makes them reversible. Use understanding from previous lessons to make predictions	Observe changes that form new materials and explain why these are non-reversible. Use data and observations to predict what might happen if variables change.	Investigate what conditions cause rusting and explain why rusting is a non-reversible change. Use data gathered to suggest future values.	

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Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic Demonstrate that dissolving, mixing and changes of state are reversible changes Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.		happen with a new mixture.	affect evaporation time.	about new reversible changes.			
History Off With Her Head A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066	Understand who the Tudors were, when they lived and how the Tudor monarchs came to the throne of England.	Know about Henry VIII, what he was like and why he was our most famous and infamous monarch.	Understand the reasons begin England's break with Rome. Decide if Henry was justified in his arguments.	Know about what life was like in Tudor England.	Understand why and how the Tudors began to explore the new world.	Understand the renaissance and its impact on Britain today.	
Geography							
Art and design Digital Collage David Hockney	Understand elements of photography. Know about David Hockney.	Understand the process of collaging. Discuss qualities of photographs. Consider photographs they have taken in the past.	Evaluate work created by David Hockney and use artistic vocabulary to articulate critical responses. Reflect on designs using artistic vocabulary	Understand the qualities of photographs and how they can be sectioned to create a whole picture. Use feedback to edit designs	Produce a design inspired by David Hockney	Evaluate the final piece – stating what they like, dislike and would change using artistic vocabulary.	
Design and Technology Marble Run (Structures)	Know George Rhoads and his rolling ball structures. Set design criteria for a marble run based off free creating.	Know the materials needed to create a marble run.	Create cross sectional diagrams for drops, twists and measurements. Use exploded diagrams to demonstrate the material angles and joins for different components.	Create marble run. Test the marble run and identify areas for improvement.	Annotate design with adjustments. Make physical adaptations to design.	Evaluate their final design against their own design criteria. Write a set of instructions for use.	

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Music Blues Identifying the key features and mood of Blues music and its importance and purpose. Learning the 12-bar Blues and the Blues scale, and combining these to create an improvised piece with a familiar, repetitive backing.	Know some features of blues music	Play the first line of the 12-bar blues	Play the 12-bar blues	Play the blues scale on a tuned instrument	Improvise with notes from the blues scale		
Computing Video production (5.2) Planning, capturing, and editing video to produce a short film.	Explain what makes a video effective	Identify digital devices that can record video	Capture video using a range of techniques	Create a storyboard	Identify that video can be improved through reshooting and editing	Consider the impact of the choices made when making and sharing a video	
PE Hockey Gymnastics	Hockey perform a block tackle to dispossess an attacker	Hockey Use fast, accurate passes into the D to create scoring opportunities	Hockey Mark an attacker closely to stop them from receiving the ball .	Hockey Perform a sweep hit to send the ball first time	Hockey Move the ball quickly from left to right to outwit a defender	Hockey Use a variety of techniques to keep possession in a game	
	Gymnastics Unit 1 Perform the key steps in a round-off	Gymnastics Unit 1 Create and perform a partner sequence using symmetry	Gymnastics Unit 1 Create and perform a partner sequence using symmetry	Gymnastics Unit 1 Perform counterbalances with a partner	Gymnastics Unit 1 Perform smooth transitions between counterbalances using different levels	Gymnastics Unit 1 Evaluate each other's work and suggest improvements	
RE Enquiry: Is the Christmas story true? Theme: Incarnation	Understand how there might be different versions of events which are all true to some extent and to some people	Retell a version of the Christmas story from the Bible	Compare versions of the Christmas story from the Bible	Start to explain what a Christian might believe is true from the Christmas Story	Start to explain the Christian belief that Jesus was the incarnation of God	Explain how people can see truths in stories which may not be completely true	
PSHE and Citizenship Celebrating Differences Cultural differences and how they can cause conflict Racism Rumours and name-calling Types of bullying Material wealth and happiness Enjoying and respecting other culture	Know that bullying can be direct and indirect Know external forms of support in regard to bullying e.g. Childline	Know that bullying can be direct and indirect Know external forms of support in regard to bullying e.g. Childline	Know what racism is and why it is unacceptable	Know what culture means Know that differences in culture can sometimes be a source of conflict	Know what culture means Know that differences in culture can sometimes be a source of conflict	Know that rumour-spreading is a form of bullying online and offline	Know how their life is different from the lives of children in the developing world

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MfL The Date	Recognise, recall and spell the 7 days of the week	Consolidate the 7 days of the week taught last lesson and will learn how to recognise, recall and spell the 12 months of the year	Consolidate all language taught so far in the unit	Start to put all their new language into context by learning the structure necessary to say the date	Build on their knowledge of how to say the date by learning how to say when their birthday is	Revise and consolidate all language covered in the unit	
Visits/ visitors				Visit: Science Museum Winchester			
REAch2 11 before 11 Promises							