



# Gatley Primary School

## Year 4 Medium Term Plan: Autumn



### “In what ways has technology changed over time?”

<b>Autumn 1</b>		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
		W.C 05.09.22	W.C 12.09.22	W.C 19.09.22	W.C 26.09.22	W.C 03.10.22	W.C 10.10.22	W.C 17.10.22
<b>English</b>								
Class Text		<b>“My Story: Mill Girl” (Sue Reid)</b>						
Powerful Knowledge Concept and detail		<b>Reading</b> Retrieval Strategies to support in retrieving information from a text	<b>Grammar</b> Plural and possessive ‘s’	<b>Writing</b> Non-chronological report about Ancient Greece	<b>Reading</b> Inference Using class text to read between lines	<b>Grammar</b> Punctuation of speech (direct and indirect)	<b>Writing</b> Diary entry based on class reader	
<b>Maths</b>								
Powerful Knowledge Concept and detail		<b>Calculation - Multiplication</b> Timestables – recap of prior knowledge	<b>Number – Place Value</b> Identifying, ordering and comparing 4-digit numbers	<b>Number – Counting, Rounding and Estimating</b>	<b>Calculation - Addition</b> Formal written method	<b>Calculation - Subtraction</b> Formal written method	<b>Making Connections</b> Multi-step problems, use of the inverse to check calculations	
<b>Foundation Subjects</b>								
<b>Main Topic</b>	Question Driving Learning	<b>Why do we remember the ancient Greeks?</b> <i>(Part of whole-school history project)</i>			<b>How does technology use electricity?</b>			
	Subject Discipline	<b>PSHE</b>	<b>History</b>		<b>Science</b>	<b>Science</b>	<b>Science</b>	
	Powerful Knowledge Concept and detail	<b>Managing Transition</b>	<b>World Civilisations and Empires</b> Ancient Greece: key figures and events, and the legacy left behind for us today		<b>Physics</b> Practically exploring electricity and circuits	<b>Experimentation</b> Creating functioning switches using knowledge of conductors and insulators	<b>Physics</b> Exploring sound as vibration	
				<b>Low Stakes Quiz</b>		<b>Sticky Knowledge Week</b>		



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<b>Dual Assessment</b>	Subject Discipline	<b>Exploring and embedding the new behaviour policy</b>	<b>History</b>	<b>Science</b>	<b>DT</b>	<b>Science</b>	
	Powerful Knowledge Concept and detail		<b>Analysing Sources</b> Using sources (primary and secondary) to find out more about Ancient Greece	<b>Hypothesising and Predicting</b> An introduction to electricity	<b>Functional Properties</b> Functioning electrical component	<b>Drawing Conclusions</b> A successful electrical circuit	
<b>Minor Topic</b>	Subject Discipline		<b>Forest School</b>	<b>Art</b>			
	Powerful knowledge Statement and detail		Answering the sub-question ‘What can we create using technology?’ through creating natural products in Forest School	<b>Control and Accuracy</b> Practising a range of drawing techniques to use in later pieces of artwork			
<b>MFL (French)</b>							
Powerful knowledge statement and detail	<b>Vocabulary &amp; Speaking and Listening</b> Talking about the weather						
<b>Computing</b>							
Powerful knowledge statement and detail	<b>Internet Safety</b> SMART Internet Use						
<b>Music</b>							
Powerful knowledge statement and detail	<b>Theoretical Understanding</b> Stick notation and staff notation						
<b>PE</b>							
Outdoor	<b>Developing Technique - Football</b> (sports coach)						
Indoor	<b>Developing Technique - Swimming</b> (external provider)						



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Autumn 2		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8			
		W.C 31.10.23	W.C 07.11.23	W.C 14.11.23	W.C 21.11.23	W.C 28.11.23	W.C 05.12.23	W.C 12.12.23	W.C 12.12.23			
<b>English</b>												
Class Text		<b>“My Story: Mill Girl” (Sue Reid)</b>										
Powerful Knowledge Concept and detail	<b>Reading</b> Choice of vocabulary <i>Stevenson “From a train carriage”</i> <i>Auden “Night Mail”</i>	<b>Grammar</b> Determiners  Showing possession	<b>Writing</b> Poetry based on transport	<b>Reading</b> Structure  The different sections of a letter	<b>Grammar</b> Persuasive devices + Standard English	<b>Writing</b> Persuasive letter about climate change	<b>Assessment Week</b>	<b>Curriculum Evaluation Week</b>				
<b>Maths</b>												
Powerful Knowledge Concept and detail	<b>Calculation – Multiplication</b> Recap of all timestables	<b>Number – Number Sense</b> Negative numbers, following patterns	<b>Calculation – Multiplication</b> Multiplying 2-/3-digit numbers by 1-digit using written method	<b>Calculation – Division</b> Formal written method	<b>Making Connections</b> Position and Direction	<b>Making Connections</b> Recap of 4 operations, involving problem-solving	<b>Assessment Week</b>	<b>Curriculum Evaluation Week</b>				
<b>Foundation Subjects</b>												
<b>Main Topic</b>	Question Driving Learning	<b>What can we create using technology?</b>		<b>Low Stakes Quiz</b>	<b>What impact has technology had on our local area?</b>			<b>Low Stakes Quiz</b>	<b>Is technology a good thing?</b>		<b>Low Stakes Quiz</b>	<b>Curriculum Evaluation Week</b>
	Subject Discipline	<b>DT</b>			<b>History</b>	<b>History</b>	<b>Geography</b>		<b>DT</b>			
	Powerful Knowledge Concept and detail	<b>Research Design</b> PLAN of DT cycle	<b>Practical Skills</b> DO of DT cycle		<b>The Arc of British History</b> British Industrial Revolution	<b>Local Conceptual Knowledge</b> Focus on Quarry Bank Mill (including trip)	<b>Locational and Cartography Knowledge</b> Railways		<b>Worldwide Impact</b> How technology has damaged the environment, and what is being done to protect it now			



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<b>Dual Assessment</b>	Subject Discipline	<b>DT</b>			<b>Geography</b>	<b>Geography</b>	<b>Geography</b>	
	Powerful Knowledge Concept and detail	<b>Communicate Ideas Torches</b>	<b>Functional Properties/ Critically Analyse REVIEW of DT cycle Torches</b>		<b>Human Impact Climate Change</b>	<b>Map-reading and Navigation</b> Four figure grid references	<b>Human Impact and Human Geography</b> Exploring the impact of technology	
<b>Minor Topic</b>	Subject Discipline	<b>PSHE</b>		<b>Drama</b>		<b>RE</b>		
	Powerful Knowledge Concept and detail	<b>Exploring Emotions and Developing Self-Awareness</b> (RSHE: Health and Wellbeing)		<b>Improvisation</b> Based on historical learning and class reader		<b>Rituals, Celebrations and Lifestyles</b> Diwali, Hannukah and Christmas		
<b>MFL (French)</b>								
Powerful knowledge statement and detail	<b>Vocabulary &amp; Speaking and Listening</b> Talking about animals							
<b>Computing</b>								
Powerful knowledge statement and detail	<b>Applying Technology</b> Coding to create a programme							
<b>Music</b>								
Powerful knowledge statement and detail	<b>Composition</b> Using technology to compose a piece							
<b>PE</b>								
Outdoor	<b>Competing and Collaborating</b> – Variations on football (sports coach)							
Indoor	<b>Developing Technique</b> - Swimming (external provider)							