Gatley Primary School
Year 6 Medium Term Plan: Spring
How Modern are Computers?

Spring 1		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
		W.C 03/01/22	W.C 10/01/22	W.C 17/01/22	W.C 24/01/22	W.C 31/01/22	W.C 07/02/22
English							
Class Text		**Hidden Figures- Margot Lee Shetterly** **The Dog Who Saved The World- Ross Welford**					
Powerful Knowledge Concept and detail		**Inference and Deduction Retrieval** Who was Katherine Johnson?	**Structure and Content** Cohesive devices for non-fiction writing Grammar focus: different tenses	**Inspiration** Writing a biography of Katherine Johnson, drawing upon reading	**Refining** Editing and improving biography to incorporate a diary entry to show a shift in formality	**Assessment Week**	**Drawing Conclusions and Appreciation of the Whole** Ordering events Drawing conclusions Making comparisons Based on our class text The Dog Who Saved The World
Maths							
Powerful Knowledge Concept and detail		**FDP of Amounts**	**FDP of Amounts**	**Ratio**	**Negative numbers (including stats such as temperature charts)**	**Assessment week**	**Co-ordinates (missing co-ordinates and translations)**
Topic							
Main Topic	Question Driving Learning	**How can Codes Be Cracked?**		**How have computers helped win wars?**			**How can codes be cracked?**
	Subject Discipline	**History**	**Science**	**History**	**History**	**History**	**Science**
	Powerful Knowledge Concept and detail	**Historical Interpretation** Ancient Egyptian Cracking hieroglyphics.	**Physics knowledge** How can codes be used in other ways? Exploring codes for communication- e.g. sign language and braille	**Conceptual Knowledge** Background knowledge – WW2	**Enquiry and Exploration** What is the enigma code?	**Legacy** What was the first computer? Alan Turing	**Experimentation** -Morse Code- Building a circuit to allow communication via Morse Code

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<table>
<tr><th colspan="2"></th><th>MFL</th><th>MFL</th><th>Science</th><th>Science</th><th>PSHE</th><th>Science</th></tr>
<tr>
<td rowspan="2">Minor Topic</td>
<td>Subject Discipline</td>
<td>MFL</td>
<td>MFL</td>
<td>Science</td>
<td>Science</td>
<td>PSHE</td>
<td>Science</td>
</tr>
<tr>
<td>Powerful Knowledge Concept and detail</td>
<td>Speaking and listening

-revision of days of the week and months of the year</td>
<td>Speaking and listening

-describing the weather and what it is like at different times of the year</td>
<td>Physics Knowledge

Developing knowledge of electricity, circuits and correct symbols</td>
<td>Physics Knowledge

Developing knowledge of electricity, circuits and correct symbols</td>
<td>Awareness of relationships
Daring to be different- LGBQT and equal rights</td>
<td>Drawing Conclusions

What is the most effective way to transmit a message via Morse Code? (comparing flashing lights vs buzzer)</td>
</tr>
<tr>
<td rowspan="2">Dual Assessment Focus</td>
<td>Subject Discipline</td>
<td>PSHE</td>
<td>Social Understanding</td>
<td>Drama & PSHE</td>
<td>History</td>
<td>Social Understanding</td>
<td>History</td>
</tr>
<tr>
<td>Progression of Skills Statement and detail</td>
<td>Exploring attitudes and values (link to English unit of work on inequality)</td>
<td>Reflection and Growth
-considering the challenges for blind and deaf people and those who are differently abled</td>
<td>Exploring attitudes and values (link to English unit of work on inequality)</td>
<td>Conceptual Knowledge
Where does the enigma code fit within our history?</td>
<td>Values
Daring to be different- LGBQT and equal rights</td>
<td>Legacy
How was Morse Code used during WW2?</td>
</tr>
<tr><td colspan="8" align="center">PE</td></tr>
<tr>
<td colspan="2" align="center">Outdoor</td>
<td>Developing technique
Lacrosse</td>
<td>Developing technique
Lacrosse</td>
<td>Developing tactics and strategy
Lacrosse</td>
<td>Developing tactics and strategy
Lacrosse</td>
<td>Competition
Lacrosse
(inter-class competition)</td>
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Lacrosse
(inter-class competition)</td>
</tr>
<tr>
<td colspan="2" align="center">Indoor</td>
<td>Analysing and evaluating
-improving balances, jumps and tumbles
Gymnastics</td>
<td>Analysing and evaluating
-improving balances, jumps and tumbles
Gymnastics</td>
<td>Working together

-working together to develop a routine
Gymnastics</td>
<td>Working together

-working together to develop a routine
Gymnastics</td>
<td>Performance

-performing and improving routines

Gymnastics</td>
<td>Performance

-final performance and personal and peer reflection
Gymnastics</td>
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</table>

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Spring 2		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
		21/02/22	28/02/22	07/03/22	14/03/22	21/03/22	28/03/22
English							
Class Text		**The Dog Who Saved The World- Ross Welford**					
Powerful Knowledge Concept and detail		**Vocabulary and Spelling** Exploring ambitious vocabulary choices and vocabulary to build suspense within narrative writing	**Purpose and Audience** Re-writing a chapter from the book 'The Dog Who Saved The World' in the style of the author	**Inference and Retrieval, Prediction, Vocabulary and Language** Re-visiting all content domains to build connections	**Inspiration** Using the 'Open Your Eyes Life is Beautiful' clip as inspiration. Writing the voice over for this clip.	**Assessment Week**	**Refining** Editing and improving voice over to ensure the TAF is reflected within writing
Maths							
Powerful Knowledge Concept and detail		**Geometry**	**Algebra**	**Algebra**	**Statistics inc pie charts**	**Assessment Week**	**Reasoning revision including money**
Topic							
Main Topic	Question Driving Learning	**How are computer games coded?**			**How can we use computers to make things?**		
	Subject Discipline	**Computing**	**Computing**	**Computing**	**DT**	**DT**	**DT**
	Powerful Knowledge Concept and detail	**Computational Thinking**	**Designing and evaluating**	**Logical Reasoning**	**Practical Skills** Planning a CAD car What is CAD?	**Considering Functional Properties** Creating a toy car using CAD	**Critically analyse** **Worldwide impact** Supercars

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Minor Topic	Subject Discipline	MFL	MFL	MFL	Music	Music	Music
	Powerful Knowledge Concept and detail	**Speaking and listening** What is in my town?	**Grammar** What is in my town? -focus on negative constructions and expansion of conjunctions	**Writing** What is in my town? -A written description of Gatley	Theoretical Understanding Garage Band	Listening and Evaluating Garage Band	Instrumental Performance Garage Band
Dual Assessment Focus	Subject Discipline	RSHE	RSHE	RSHE	Computing	Computing	RSHE
	Progression of Skills Statement and detail	Internet Safety	Internet Safety	Internet Safety	Applying Technology	Designing and Evaluating	Economic Wellbeing

PE							
Outdoor	**Developing Technique** Athletics and fitness	**Developing Technique** Athletics and fitness	**Developing Technique** Athletics and fitness	**Analysing and evaluating** Athletics and fitness	**Analysing and evaluating** Athletics and fitness	**Competition** Athletics and fitness
Indoor	**Working together** Dance	**Working together** Dance	**Working together** Dance	**Working together** Dance	**Performance** Dance	**Performance** Dance