

<b><u>Autumn</u></b>			
<b>Lessons</b>	<b>Subject</b>	<b>Curriculum Statements</b>	<b>Learning Intentions</b>
<b>1</b>	<b>Computing:</b>  <b>Online Safety</b>  <b>Hardware Investigators</b>	<b>Online Safety</b> <ul style="list-style-type: none"> <li>- Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.</li> <li>- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</li> </ul>	<b>Online Safety</b> LI: to understand how pupils can protect themselves from online identity theft
<b>2</b>			LI: to Identify the risks and benefits of installing software including apps
<b>3</b>			LI: to understand what plagiarism is
<b>4</b>			LI: to identify the positive and negative influences of technology on health and the environment.
<b>5</b>			<b>Hardware Investigators</b> LI: to understand the different parts that make up a computer

<b><u>Spring</u></b>			
<b>Lessons</b>	<b>Subject</b>	<b>Curriculum Statements</b>	<b>Learning Intentions</b>
1	<b>Computing</b>  <b>Spreadsheets</b>	- Use technology purposefully to create, organise, store, manipulate and retrieve digital content	<b>Spreadsheets</b> LI: to add formulae and explore formatting cells in advanced mode
2			LI: to use the timer and spin button tools
3			LI: to create a line graph
4			LI: to use a spreadsheet for budgeting
5			LI: to explore place value with a spreadsheet

<b>Summer</b>			
<b>Lessons</b>	<b>Subject</b>	<b>Curriculum Statements</b>	<b>Learning Intentions</b>
1	<b>Computing</b>  <b>Coding</b>	<b>Coding</b> <ul style="list-style-type: none"> <li>- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</li> <li>- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</li> <li>- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> </ul>	<b>Coding</b> LI: to review coding vocabulary ( <b>starter activity focusing on vocabulary</b> ) LI: to create a program which respond to the If/else command, using the value of the variable
2			<b>Coding</b> LI: to create a program with a character that repeats actions
3			<b>Coding</b> LI: to make timers and counting machines using variables
4			<b>Coding</b> LI: to create a simulation using control
5			<b>Coding</b> LI: to design a decomposed feature of a real-life situation.