



	<p>Understand where to go for help when he/she has concerns about content or content online.</p> <p><b>Digital Literacy – Technology around us</b></p> <ul style="list-style-type: none"> <li>● recognise common uses of information technology beyond school</li> <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> </ul> <p><b>Information Technology - Data Groups and exploring Busy Things Statistics</b></p> <ul style="list-style-type: none"> <li>● use technology purposefully to create, organise, store, manipulate and retrieve digital content</li> <li>● recognise common uses of information technology beyond school</li> <li>● use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns</li> </ul>	<p>Understand where to go for help when he/she has concerns about content or content online.</p> <p><b>Information Technology - Digital Media - Create, Share, Respond &amp; Multimedia and Digital Writing</b></p> <ul style="list-style-type: none"> <li>● recognise common uses of information technology beyond school</li> <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> </ul> <p><b>PLUGGED</b></p>	<p>Understand where to go for help when he/she has concerns about content or content online.</p> <p><b>Information Technology – create story using Puppet Pals 2 (app)</b></p> <ul style="list-style-type: none"> <li>● Using technology purposefully to create digital content</li> </ul> <p><u>Typing</u>- Children are taught to use the keyboard and locate the keys. They aiming to be able to type 5 words per minute by the end of the academic year.</p> <p><b>PLUGGED</b></p>	<p>Understand where to go for help when he/she has concerns about content or content online.</p> <p><b>Information Technology - Digital Media - Create, Share, Respond &amp; Multimedia and Digital Writing</b></p> <ul style="list-style-type: none"> <li>● recognise common uses of information technology beyond school</li> <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> </ul> <p><b>PLUGGED</b></p>	<p>Understand where to go for help when he/she has concerns about content or content online.</p> <p><b>Programming - Computer Science - Coding Unit A Moving a Floor Robot</b></p> <ul style="list-style-type: none"> <li>● understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions</li> <li>● create and debug simple programs</li> <li>● use logical reasoning to predict the behaviour of simple programs</li> </ul> <p><b>UNPLUGGED</b></p>	<p>Understand where to go for help when he/she has concerns about content or content online.</p> <p><b>Programming - Computer Science - Coding Unit B Online Early Coding:</b></p> <ul style="list-style-type: none"> <li>● understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions</li> <li>● create and debug simple programs</li> <li>● use logical reasoning to predict the behaviour of simple programs</li> </ul> <p><b>PLUGGED</b></p>
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	<p>about content or contact on the internet or other online technologies.</p> <p><b>UNPLUGGED</b> (except for 1 lesson)</p>					
2	<p><b>Online Safety:</b> Use technology safely and keep personal information private.</p> <p><b>Digital Literacy - Uses of Computers</b></p> <ul style="list-style-type: none"> <li>recognise common uses of information technology beyond school</li> </ul> <p><b>UNPLUGGED</b></p> <p><b>Information Technology - Data JIT Pictogram and JIT chart</b></p> <ul style="list-style-type: none"> <li>use technology purposefully to create, organise, store, manipulate and retrieve digital content</li> <li>recognise common uses of information technology beyond school</li> <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</li> </ul>	<p><b>Online Safety:</b> Use technology safely and keep personal information private.</p> <p><b>Programming - Computer Science - Coding Unit A Online Robots J2Code</b></p> <ul style="list-style-type: none"> <li>understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions</li> <li>create and debug simple programs</li> <li>use logical reasoning to predict the behaviour of simple programs</li> </ul> <p><b>PLUGGED</b></p>	<p><b>Online Safety:</b> Use technology safely and keep personal information private.</p> <p><b>Information Technology - Communication and Collaboration - My Busy Things</b></p> <ul style="list-style-type: none"> <li>use technology purposefully to create, organise, store, manipulate and retrieve digital content</li> </ul> <p><b>PLUGGED</b></p>	<p><b>Online Safety:</b> Use technology safely and keep personal information private.</p> <p><b>Information Technology – using Book Creator (app)</b></p> <ul style="list-style-type: none"> <li>Uses technology to purposefully to create, organise, store, manipulate and retrieve digital content.</li> <li>Use technology purposefully to create digital content, comparing the benefits of different programs.</li> </ul> <p><u>Typing</u> - Children are taught to type and achieve the standard of 8 words per minute (these should be from the year 2 spelling list and be</p>	<p><b>Online Safety:</b> Use technology safely and keep personal information private.</p> <p><b>Programming - Computer Science - Coding Unit B Programming with Scrat - Code.org:</b></p> <ul style="list-style-type: none"> <li>understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions</li> <li>create and debug simple programs</li> <li>use logical reasoning to predict the behaviour of simple programs</li> </ul> <p><b>PLUGGED</b></p>	<p><b>Online Safety:</b> Use technology safely and keep personal information private.</p> <p><b>Information Technology - Creating Media - Digital Photography and Film</b></p> <ul style="list-style-type: none"> <li>use technology purposefully to create, organise, store, manipulate and retrieve digital content</li> <li>recognise common uses of information technology beyond school</li> </ul> <p>Outdoor explorers project</p> <p><b>PLUGGED</b></p>

	on the internet or other online technologies.  <b>PLUGGED</b>			displayed for children to copy).  <b>PLUGGED</b>		
<b>3</b>	<p><b>Online Safety</b> Use technology safely and respectfully, keeping personal information private.</p> <p>Use technology safely and recognise acceptable and unacceptable behaviour.</p> <p><b>Information Technology - Communication &amp; Collaboration (Blogging) and Creating Media (J2e5):</b></p> <ul style="list-style-type: none"> <li>understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</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</li> </ul>	<p><b>Online Safety</b> Use technology safely and respectfully, keeping personal information private.</p> <p>Use technology safely and recognise acceptable and unacceptable behaviour.</p> <p><b>Digital Literacy - Connecting Systems + networks &amp; Hello Ruby:</b></p> <ul style="list-style-type: none"> <li>understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</li> <li>use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</li> </ul>	<p><b>Online Safety</b> Use technology safely and respectfully, keeping personal information private.</p> <p>Use technology safely and recognise acceptable and unacceptable behaviour.</p> <p><b>Programming - Computer Science - Programming Unit A - Sequencing Code.org:</b></p> <ul style="list-style-type: none"> <li>design, write and debug programs that accomplish specific goals; solve problems by decomposing them into smaller parts</li> <li>use sequence, selection, and repetition in programs; work with various forms of input and output</li> </ul> <p><b>PLUGGED</b></p>	<p><b>Online Safety</b> Use technology safely and respectfully, keeping personal information private.</p> <p>Use technology safely and recognise acceptable and unacceptable behaviour.</p> <p><b>Information Technology - Branching Databases:</b></p> <ul style="list-style-type: none"> <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>	<p><b>Online Safety</b> Use technology safely and respectfully, keeping personal information private.</p> <p>Use technology safely and recognise acceptable and unacceptable behaviour.</p> <p><b>Programming - Computer Science - Programming Unit B - Sequencing Scratch Scene (Monologue):</b></p> <ul style="list-style-type: none"> <li>design, write and debug programs that accomplish specific goals; solve problems by decomposing them into smaller parts</li> <li>use sequence and various forms of input and output</li> </ul> <p><b>PLUGGED</b></p>	<p><b>Online Safety</b> Use technology safely and respectfully, keeping personal information private.</p> <p>Use technology safely and recognise acceptable and unacceptable behaviour.</p> <p><b>Information Technology – stop motion animation (app)</b></p> <ul style="list-style-type: none"> <li>With support select and use a variety of software to accomplish specific goals.</li> </ul> <p>Outdoor Explorers Project</p> <p><b>PLUGGED</b></p>

	<p>programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</p> <p><b>PLUGGED</b></p>	<b>UNPLUGGED</b>		<b>PLUGGED</b>		
4	<p><b>Online Safety</b> Use technology responsibly and understand that communication online may be seen by others.</p> <p><b>Information Technology - Digital Media - Creating Media - Audio Editing:</b></p> <ul style="list-style-type: none"> <li>work with variables and various forms of input and output</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> <p><b>PLUGGED</b></p>	<p><b>Online Safety</b> Use technology responsibly and understand that communication online may be seen by others.</p> <p><b>Digital Literacy - Computing Systems &amp; Networks - The Internet</b></p> <ul style="list-style-type: none"> <li>understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</li> </ul> <p><b>UNPLUGGED</b></p>	<p><b>Online Safety</b> Use technology responsibly and understand that communication online may be seen by others.</p> <p><b>Information Technology - Multimedia &amp; Digital Writing on Google Slides</b></p> <ul style="list-style-type: none"> <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> <p><b>PLUGGED</b></p>	<p><b>Online Safety</b> Use technology responsibly and understand that communication online may be seen by others.</p> <p><b>Information Technology – Comic Life 3 (app)</b></p> <ul style="list-style-type: none"> <li>With support select and use a variety of software on a range of digital devices.</li> <li>With support select and use a variety of software on a range of digital devices to accomplish given goals.</li> </ul> <p><u>Typing</u> Children are taught to type and achieve the standard of 13 words per minute (these should be from the year 4 spelling</p>	<p><b>Online Safety</b> Use technology responsibly and understand that communication online may be seen by others.</p> <p><b>Programming - Computer Science - Programming Unit A - Multiple Sequences Scratch Scene – Dialogue:</b></p> <ul style="list-style-type: none"> <li>design, write and debug programs that accomplish specific goals; solve problems by decomposing them into smaller parts</li> <li>use sequence 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>	<p><b>Online Safety</b> Use technology responsibly and understand that communication online may be seen by others.</p> <p><b>Programming - Computer Science - Programming Unit B - Repetition Scratch Shapes:</b></p> <ul style="list-style-type: none"> <li>design, write and debug programs that accomplish specific goals; solve problems by decomposing them into smaller parts</li> <li>use sequence and repetition in programs; work with various forms of input and output</li> </ul>

				list and be displayed for children to copy)  <b>PLUGGED</b>	<b>PLUGGED</b>	<ul style="list-style-type: none"> <li>use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> </ul> <b>PLUGGED</b>
5	<p><b>Online Safety</b> Understand the need to only select age appropriate content.</p> <p><b>Information Technology - Multimedia &amp; Digital Writing - Vector Drawings</b></p> <ul style="list-style-type: none"> <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> <p><u>Typing</u> Children are taught to type and achieve the standard of 15</p>	<p><b>Online Safety</b> Understand the need to only select age appropriate content.</p> <p><b>Digital Literacy- History of Computing + Women in Computing</b></p> <ul style="list-style-type: none"> <li>understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</li> </ul> <b>UNPLUGGED</b>	<p><b>Online Safety</b> Understand the need to only select age appropriate content.</p> <p><b>Information Technology – Garage Band (app)</b></p> <ul style="list-style-type: none"> <li>Independently select and use appropriate software for a task.</li> <li>Independently select, use and combine a variety of software to design and create content for a given audience.</li> </ul> <b>PLUGGED</b>	<p><b>Online Safety</b> Understand the need to only select age appropriate content.</p> <p><b>Programming - Computer Science - Programming Unit A - Selection Scratch Quiz:</b></p> <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</li> </ul>	<p><b>Online Safety</b> Understand the need to only select age appropriate content.</p> <p><b>Programming – Computer Science - Programming Unit B - Variables Scratch Games:</b></p> <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</li> </ul>	<p><b>Online Safety</b> Understand the need to only select age appropriate content.</p> <p><b>Information Technology - Data &amp; Information – Spreadsheets</b></p> <ul style="list-style-type: none"> <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</li> </ul>

	<p>words per minute (these should be from the year 5 spelling list and be displayed for children to copy).</p> <p><b>PLUGGED</b></p>			<p>programs; work with variables and various forms of input and output</p> <ul style="list-style-type: none"> <li>use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> </ul> <p><b>PLUGGED</b></p>	<p>forms of input and output</p> <ul style="list-style-type: none"> <li>use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> </ul> <p><b>PLUGGED</b></p>	<p>goals, including collecting, analysing, evaluating and presenting data and information</p> <p><b>PLUGGED</b></p>
6	<p><b>Online Safety</b> Identify a range of ways to report concerns about content and contact in and out of school.</p> <p><b>Information Technology - 3D Modelling – Tinkercad:</b></p> <ul style="list-style-type: none"> <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,</li> </ul>	<p><b>Online Safety</b> Identify a range of ways to report concerns about content and contact in and out of school.</p> <p><b>Digital Literacy - Computing Systems &amp; Networks</b></p> <ul style="list-style-type: none"> <li>use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</li> <li>understand computer networks including the internet; how they can</li> </ul>	<p><b>Online Safety</b> Identify a range of ways to report concerns about content and contact in and out of school.</p> <p><b>Information Technology - Data &amp; Information - Microsoft Excel or Google Sheets</b></p> <ul style="list-style-type: none"> <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</li> </ul>	<p><b>Online Safety</b> Identify a range of ways to report concerns about content and contact in and out of school.</p> <p><b>Programming - Computer Science - Programming Unit A - Variables Scratch Games 2</b></p> <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</li> </ul>	<p><b>Online Safety</b> Identify a range of ways to report concerns about content and contact in and out of school.</p> <p><b>Information Technology - Digital Media - Video creation &amp; editing – iMovie</b></p> <ul style="list-style-type: none"> <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,</li> </ul>	<p><b>Online Safety</b> Identify a range of ways to report concerns about content and contact in and out of school.</p> <p><b>Programming - Computer Science - Programming Unit B - Sensing Micro:bits</b></p> <ul style="list-style-type: none"> <li>design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems;</li> </ul>

	<p>evaluating and presenting data and information</p> <p><b>PLUGGED</b></p>	<p>provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</p> <p><b>PLUGGED + UNPLUGGED</b></p>	<p>goals, including collecting, analysing, evaluating and presenting data and information</p> <p><b>PLUGGED</b></p>	<p>decomposing them into smaller parts</p> <ul style="list-style-type: none"> <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> <p><b>PLUGGED</b></p>	<p>evaluating and presenting data and information</p> <ul style="list-style-type: none"> <li>• use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</li> </ul> <p><b>PLUGGED</b></p>	<p>solve problems by decomposing them into smaller parts</p> <ul style="list-style-type: none"> <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> <p><b>PLUGGED</b></p>
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