

**Intent:** To recognise how I use technology in my home and at school.  
 To use a program to create a simple document.  
 To use the internet safely and effectively.  
 To Develop ability to touch type.  
 To present information to a group.

Term	Week/s	Topic/Theme Key vocabulary	Learning Outcomes Knowledge and Skills To know, to use, to apply...	Literacy Link Numeracy Link SMSC Link
Autumn 1	1-7	Using technology  <i>Log in</i> <i>Username</i> <i>Password</i> <i>Formatting</i> <i>Log out</i> <i>Save</i>	To be able to add text formatting features and graphics to a document to their work	<b>Literacy – Reading</b> Decoding. Reading with support. Reading independently. Talk or write about text/pictures. Ask questions. Answer questions. Give opinion.
Autumn 2	8-15	Online Safety  <i>Search</i> <i>Internet</i> <i>Sharing</i> <i>Email</i> <i>Attachment</i> <i>Digital Footprint</i>	To be able to talk about the differences between the internet and things in the physical world.	Listen to an opinion. Develop vocabulary. Comprehend. Research. <b>Literacy – Writing</b> Make marks on material. Practise spelling. Write with support.
Spring 1	1-6	Programming  <i>Action</i> <i>Algorithm</i> <i>Bug</i> <i>Code block</i> <i>Code Design</i> <i>Command</i> <i>Debug/Debugging</i> <i>Variable</i>	To program a robot or software to do a particular task. To use programming software to make objects move. To create and debug simple programs.	Write independently. Write for a purpose. Present work. Correct own work. Act on feedback. Summarise. <b>Literacy – GPS/Spoken Language</b>
Spring 2	7-12	Effective Searching  <i>Internet</i> <i>Search</i> <i>Search Engine</i>	To recall the meaning of key Internet terms. To identify the basic parts of a web search engine search page. To search for answers to a simple quiz on the Internet.	Take part in discussion. Use new vocabulary. Present information and opinions. Act on feedback for spoken language.
Summer 1	1-5	Touch Typing  <i>Posture</i> <i>Top row keys</i> <i>Home row keys</i> <i>Bottom row keys</i> <i>Space bar</i>	To understand what is meant by – home, bottom, and top rows. To learn how to use the home, top and bottom row keys. To practice and improve typing for home, bottom and top rows.	<b>Numeracy – Problem-Solving Skills</b> Working systematically. Visualisation. Logical reasoning. Trial and improvement. Pattern spotting <b>Geometry/Position and Direction Skills</b> Construct shapes/nets.
Summer 2	6-12	Presenting Ideas  <i>Non-Fiction</i> <i>Presentation</i> <i>Narrative</i> <i>Audience</i>	To extract information from a non-fiction topic. To add appropriate clipart images. To add an appropriate photo. To know that data can be structured in tables to make it useful. To create digital content to achieve a given goal.	Read and plot coordinates. <b>Statistics Skills</b> Interpret a pictogram/ bar/tally/line/pie chart. Organising and presenting data. <b>SMSC – Spiritual</b> Be Creative. Use imagination.

				<p>Reflect on own success.</p> <p><b>SMSC – Moral</b>          Recognise right and wrong.          Respect the law.          Understand consequences.          Investigate moral and ethical issues.</p> <p><b>SMSC – Social</b>          Accept the rule of law.          Demonstrate mutual respect.          Cooperate with others.</p>
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**Intended impact:** For pupils to use technology purposefully to create, organise, store and retrieve digital content.  
 For pupils to be aware of online safety issues.  
 For pupils to use logical thinking to identify and solve problems.  
 For pupils to gain a better understanding of searching on the Internet.  
 For pupils to understand typing terminology.  
 For pupils to explore how a story can be presented in different ways.

