

Intent: To use technology safely.
 To sort items using a range of criteria.
 To understand that data can be represented in picture format.
 To know that to achieve the effect they want when building something, they need to follow accurate instructions.

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>Avatar</i> <i>My Work</i> <i>Log out</i> <i>Save</i>	To recognise common uses of information technology beyond school.	Literacy – Reading Decoding. Reading with support. Reading independently. Talk or write about text/pictures. Ask questions. Answer questions. Give opinion. Listen to an opinion.
Autumn 2	8-12	Understanding technology <i>Search</i> <i>Internet</i>	To use links to websites to find information. To begin to identify some of the benefits of using technology.	Develop vocabulary. Comprehend. Research. Literacy – Writing
Spring 1	1-6	Grouping & Sorting <i>Sort</i> <i>Criteria</i>	To sort items using a range of criteria on the carpet as a class and in pairs. To sort items on the computer. To use appropriate software to group items.	Make marks on material. Practise spelling. Write with support. Write independently.
Spring 2	7-12	Pictograms <i>Pictogram</i> <i>Data</i> <i>Collate</i>	To discuss and illustrate the transport used to travel to school. To contribute to a class pictogram. To discuss what a pictogram shows. To use a pictogram to record the results of an experiment.	Write for a purpose. Present work. Correct own work. Act on feedback. Summarise. Literacy – GPS/Spoken Language
Summer 1	1-5	Lego builders <i>Instruction.</i> <i>Algorithm</i> <i>Computer</i> <i>Program</i> <i>Debug</i>	To understand the importance of following instructions. To follow and create simple instructions on the computer. To consider how the order of instructions affects the result.	Take part in discussion. Use new vocabulary. Present information and opinions. Act on feedback for spoken language. Numeracy –
Summer 2	6-12	Online Safety <i>Log in</i> <i>Username</i> <i>Password</i> <i>Avatar</i> <i>My Work</i> <i>Log out</i> <i>Save</i>	Recognise common uses of information technology beyond school. To recognise how others use technology outside of school. To know how to keep personal information private. To know who to talk to if I feel uncomfortable.	Problem-Solving Skills Working systematically. Visualisation. Logical reasoning. Trial and improvement. Pattern spotting Statistics Skills Organising and presenting data.
				Numeracy - Recognising Counting objects within categories. Pictograms and tally. SMSC – Spiritual Be Creative. Use imagination.

				<p>Reflect on own success.</p> <p>SMSC – Moral Recognise right and wrong. Respect the law. Understand consequences. Investigate moral and ethical issues.</p> <p>SMSC – Social Accept the rule of law. Demonstrate mutual respect. Cooperate with others.</p>
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Intended impact: To be able to use technology safely around school.
To understand pictograms and see how they can be used to represent data.
To begin to think logically about scenarios.
To use technology safely and respectfully, keeping personal information private; identify where to go for help and support.

