

Intent: Recognise common uses of information technology within and beyond school.
To use logical reasoning to predict the behaviour of simple programs.
To use technology safely.

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	Exploring technologies. <i>Technology</i> <i>Computer</i> <i>Role-play</i>	To be creative with different technology tools. To use technology to present their ideas. Role-play using telephones, keyboards and calculators	Literacy – Reading Decoding. Reading with support. Reading independently. Talk or write about text/pictures.
Autumn 2	8-12	Safe use of technology. <i>My Work</i> <i>Log out</i> <i>Save</i> <i>Safely</i>	To recognise the ways we use technology in the classroom. To recognise ways that technology is used in their home and community.	Ask questions. Answer questions. Give opinion. Listen to an opinion. Develop vocabulary. Comprehend.
Spring 1	1-6	Giving instructions <i>Code block.</i> <i>Code Design</i> <i>Coder</i> <i>Coding</i> <i>Command</i>	To introduce coding terminology. To explain what coding means. To know that for the computer to make something happen, it needs to follow clear instructions. To describe what happens when they press a button on a robot.	Research. Literacy – Writing Make marks on material. Practise spelling. Write with support. Write independently. Write for a purpose.
Spring 2	7-12	Online Safety <i>Log in</i> <i>Username</i> <i>Password</i>	To talk about why it's important to be kind and polite. To agree and follow sensible rules when using IT.	Present work. Correct own work. Act on feedback. Summarise.
Summer 1	1-5	Animated story books <i>Animation</i> <i>E-Book</i>	To introduce e-books and 2Create a Story. To add animation to a story. To add sound to a story, including voice recording and music. To use additional features to enhance their stories. To share their e-books.	Literacy – GPS/Spoken Language Take part in discussion. Use new vocabulary. Present information and opinions. Act on feedback for spoken language.
Summer 2	6-12	Technology outside of school <i>Community</i> <i>Technology</i>	To walk around the local community and find examples of where technology is used. To record examples of technology outside school.	Numeracy – Problem-Solving Skills Working systematically. Visualisation. Logical reasoning. Trial and improvement. Pattern spotting Statistics Skills Organising and presenting data.
				SMSC – Spiritual Be Creative. Use imagination. Reflect on own success. SMSC – Moral Recognise right and wrong. Respect the law. Understand consequences.

				Investigate moral and ethical issues. SMSC – Social Accept the rule of law. Demonstrate mutual respect. Cooperate with others.
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Intended impact: For pupils to understand and learn how to use technology safely and respectfully.
 For pupils to create a program to perform a task.
 To use technology safely and respectfully, keeping personal information private; identify where to go for help and support.

