

**Intent:** To sort items using a range of criteria.  
 To sort items on the computer using the 'Grouping' activities.  
 To become familiar with the internet and how to use it safely.  
 To create logical sequences  
 To explore program design and put computational thinking into practice.

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	Grouping & sorting  <b>Sort Criteria.</b>	To use technology to organise and present ideas. To use the keyboard on their device to add, delete and space text for others to read.	<b>Literacy – Reading</b> Decoding. Reading with support. Reading independently.
Autumn 2	8-15	Digital literacy  <b>E-Book Font File Sound Effect</b>	To be able to tell why they use technology in the classroom. To talk about why they use technology in their home and community.	Talk or write about text/pictures. Ask questions. Answer questions. Give opinion. Listen to an opinion. Develop vocabulary.
Spring 1	1-6	Creating instructions  <b>Input Object Program Properties Scale Stop command</b>	To give instructions to a peer and physically follow their instructions. To be able to tell the order they need to do to make something happen.	Comprehend. Research. <b>Literacy – Writing</b> Make marks on material. Practise spelling. Write with support. Write independently.
Spring 2	7-12	Online Safety  <b>Internet Sharing Email Attachment Digital Footprint</b>	To be able to use technology to find information they use. To identify some benefits of using technology. To begin to understand different types of communication.	Write for a purpose. Present work. Correct own work. Act on feedback. Summarise. <b>Literacy – GPS/Spoken Language</b>
Summer 1	1-5	Benefits of using technology  <b>My Work Save Safely Presentation</b>	To talk about the different ways technology is used. to collect information using a camera or sound recorder. To make and save a chart or graph using data they have collected	Take part in discussion. Use new vocabulary. Present information and opinions. Act on feedback for spoken language.
Summer 2	6-12	Coding  <b>Action Algorithm Bug Character Code block</b>	To understand that for the computer to make something happen, it needs to follow clear instructions. To use simple commands of a Beebot. To create a simple programme. To predict an outcome using a Beebot.	<b>Numeracy – Problem-Solving Skills</b> Working systematically. Visualisation. Logical reasoning. Trial and improvement. Pattern spotting <b>Statistics Skills</b> Organising and presenting data.
				<b>SMSC – Spiritual</b> Be Creative. Use imagination. Reflect on own success. <b>SMSC – Moral</b> Recognise right and wrong. Respect the law.

				Understand consequences. Investigate moral and ethical issues. <b>SMSC – Social</b> Accept the rule of law. Demonstrate mutual respect. Cooperate with others.
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**Intended impact:** Pupils will be able to sort various items online using a variety of criteria.  
 Pupils will be able to use technology across other areas of the curriculum.  
 Pupils will create a computer program using simple algorithms.



