

Long term curriculum map- Computing

Year 1

	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
Computing	<p>Purple Mash lessons – logging on, make avatar, explore tools, email, blogs and completing '2 dos' so they can access at home.</p> <p>Email- E-Safety Pupils learn about email and what it is used for. They learn to use email safely and responsibly to log on and compose emails.</p>	<p>Once upon a time <i>Information Technology</i> Pupils learn to insert and draw pictures on 2Publish. Learn to type simple sentences, save their work and open saved documents.</p>	<p>People Who Help Us <i>Digital Literacy and E-Safety</i> Pupils learn how to keep safe on the internet and why it is important using the lock it, block it, show it, tell it slogan. Internet Safety day Children will create a news report for a Superhero who saves the day.</p>	<p>Routes and trails- <i>Computer science</i> Pupils learn to give and follow instructions to each other. They will learn the terms algorithm and make them using practical objects before moving onto BeeBots.</p>	<p>What is an Algorithm? <i>Computer Science</i> Children will complete the units of Lego Builders and Maze Explorers on Purple Mash and learn importance of ordering instructions/algorithms correctly.</p>	<p>Coding- Computer science Pupils learn to predict, create and debug a series of online algorithms.</p>

Year 2

	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
Computing	<p>Purple Mash lessons Staying private- E-Safety Pupils learn how to keep safe on the internet and why it is important using the lock it, block it, show it, tell it slogan.</p> <p>Email- Digital literacy (research) email a pirate</p>	<p>Email Creating Digital content Art - Mondrian – using tools, filling etc</p>	<p>Let's explore the Great Fire of London- <i>Computer science</i> Pupils explore, create and de-bug algorithms to recreate a story timeline of the GFOL Internet Safety day</p>	<p>The unsinkable journey- <i>Coding</i> Pupils learn to use logical reasoning to predict the behaviour of algorithms and solve problems.</p>	<p>Stories within a familiar setting- Digital literacy (Story Writing) <i>minibeasts</i> Pupils learn to use Purple Mash to present a story in different ways using a range of tools.</p>	<p>Digital Literacy, Digital Content, Coding catch up to upskill children, use digital leaders to support.</p>