

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>Welcome to SO16- Digital literacy Pupils learn to create a presentation about where they live. They learn to follow pathways to insert photos, resize and add text.</p> | <p>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. Internet Safety day</p> <p>Digital Literacy – People that help us</p> | <p>Routes and trails- Computer science Pupils learn to give and follow instructions to each other. They predict the route of a beebot and programme their instructions. Introducing algorithm and de-bug as a concept</p> | <p>What will grow- Computer Science: Coding– Purple Mash teacher model first.</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>Chromebooks and Fizzbooks- Week 1-3</p> | <p>Email- Creating Digital content</p> <p>Art - Mondrian – using tools, filling etc</p> <p>Chromebooks and Fizzbooks- Week 5-7</p> | <p>Let’s explore the Great Fire of London- Computer science Pupils explore, create and de-bug algorithms to recreate a story timeline of the GFOL</p> <p>Internet Safety day</p> <p>Beebots- All half term</p> | <p>The unskinkable journey Coding on Purple Mash 4 lessons - Coding Pupils learn to use logical reasoning to predict the behaviour of algorithms and solve problems.</p> <p>Other sessions – digital content- Lesson one -research using Google the Titanic facts Next lessons – Produce a poster using 2simple. (homework?)</p> <p>Use Chromebooks and Fizzbooks</p> <p>Chromebooks and Fizzbooks- Whole half term</p> | <p>Stories within a familiar setting- Digital literacy (Story Writing) minibests Pupils learn to use Purple Mash to present a story in different ways using a range of tools.</p> <p>Chromebooks and Fizzbooks- Week 1-4</p> | <p>Digital Literacy, Digital Content, Coding catch up to upskill children; use digital leaders to support.</p> <p>Chromebooks and Fizzbooks- Available PDR sessions only – small groups intervention- upskill</p> |