

Rise KS2 Computing Curriculum (updated Jan 2022)

CS: Computer Science

IT: Information Technology

DL: Digital Literacy

| Year | Aut 1  | Aut 2  | Spr 1  | Spr 2 | Sum 1   | Sum 2  |
|------|--|--|--|-------|---|--|
| Y3   | Literacy and Numeracy support<br>Education City<br>Busy Things<br><br>E-Safety   | Introduction to touch typing<br><br>Introduction to Algorithms (Beebots)   | Programming<br>Purple Mash Code Chimp  |       | Science Topic: Growth<br>Research and presenting information using<br>Stop Motion Cameras   | Simulations<br>Revisit Algorithms (Beebots)<br><br>E-Safety  |
| Y4   | 3D Game Design<br>Revisit touch typing<br><br>E-Safety   | Humanities Topic: Normans<br>Research and presentation using interactive maps.<br><br>Revisit Algorithms (Beebots) | Numeracy support National Numeracy Test preparation<br><br>Or<br>Programming<br>Purple Mash Logo   |       | Introduction to spreadsheets<br>Purple Mash 2Calculate tasks  | Literacy support:<br>Writing for different audiences<br>Revisit Algorithms (Beebots)<br><br>E-Safety |
| Y5   | Logo programing<br>Revisit touch typing<br><br>E-Safety<br><br>VLE introduction / revisiting   | Preparation for Christmas:<br>Christmas cards<br>Purple Mash resources and virtual Advent calendar                 | Programming<br>Purple Mash Logo (revisit)<br><br>Programming<br>Purple Mash Code Chimp (revisit)<br><br>Programming<br>Purple Mash Code Gibbon         |       | Humanities Topic: Egyptians<br>Egyptians research and presentation using AR and Google Earth  | E-Safety<br>Introduction to email<br>Safety on a network<br>LGFL and Purple Mash e-safety resources  |
| Y6   | E-Safety<br><br>VLE introduction / revisiting<br><br>Revisit touch typing<br><br>Revisit Algorithms (Dancing Algorithms)<br><br>Preparation for Christmas:<br>Christmas cards<br>Purple Mash resources and virtual Advent calendar |  | Programming<br>Purple Mash Code Chimp (revisit)<br><br>Programming<br>Purple Mash Code Gibbon (revisit)<br><br>Programming<br>Purple Mash Code Gorilla |       | Humanities Topic: Romans<br>Romans research and presentation using Interactive maps and Google Earth<br><br>EDI Research and Presentation SoW<br><br>E-Safety |  |