# Year 2-3 Computing curriculum map

| | Autumn 1st | Autumn 2nd | Spring 1st | Spring 2nd | Summer 1st | Summer 2nd |
|---|---|---|---|---|---|---|
| **Cycle 1**<br>**2025-2026** | Algorithms and Debugging<br>Decompose a game to predict the algorithms.<br>Give a definition for 'decomposition'.<br>Write clear and precise algorithms. | Data Handling: International Space Station<br>Describe and explain how astronauts' survival needs are met aboard the ISS.<br>Identify and digitally draw items which fulfil basic human needs when aboard the ISS. | Online Safety: Y2<br>Explain what is meant by online information. Recognise what information is safe to be shared online.<br>Explain why we need passwords and what makes a strong password. | | | |
| **Cycle 2**<br>**2026-2027** | Computing systems and networks 1: Networks<br>Recognise that a network is two or more devices connected and its purpose. Identify key components that make up the school's network.<br>Explain the difference between wired and wireless connections. | Google: Computing systems and networks 2: Emailing<br>Log in and out of email. Send a simple email with a subject plus 'To' and 'From' in the body of the text.<br>Edit an email. Type in the email address correctly and send the email. | Online Safety: Y3<br>Differentiate between fact, opinion and belief online. Explain how to deal with upsetting online content.<br>Recognise that digital devices communicate with each other to share personal information. | | | |
| **Cycle 3**<br>**2027-2028** | Algorithms and Debugging<br>Decompose a game to predict the algorithms.<br>Give a definition for 'decomposition'.<br>Write clear and precise algorithms. | Data Handling: International Space Station<br>Describe and explain how astronauts' survival needs are met aboard the ISS.<br>Identify and digitally draw items which fulfil basic human needs when aboard the ISS. | Online Safety: Y2<br>Explain what is meant by online information. Recognise what information is safe to be shared online.<br>Explain why we need passwords and what makes a strong password. | | | |
| **Cycle 4**<br>**2028-2029** | Computing systems and networks 1: Networks<br>Recognise that a network is two or more devices connected and its purpose. Identify key components that make up the school's network.<br>Explain the difference between wired and wireless connections. | Google: Computing systems and networks 2: Emailing<br>Log in and out of email. Send a simple email with a subject plus 'To' and 'From' in the body of the text.<br>Edit an email. Type in the email address correctly and send the email. | Online Safety: Y3<br>Differentiate between fact, opinion and belief online. Explain how to deal with upsetting online content.<br>Recognise that digital devices communicate with each other to share personal information. | | | |