

**Bowes Learning Quest**  
**Long Term Subject Maps**



Computing	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Nursery</b>	Computing through continuous provision	Computing through continuous provision / Exploring hardware <i>Applications / iPads – QR codes</i>	Exploring hardware  <i>iPads – photos</i>  Safer Internet Day	Using a computer  <i>Chromebooks</i>  Online Safety ongoing	Introduction to Data   Online Safety ongoing	Programming   <i>Beebots</i>
<b>Reception</b>	Computing through continuous provision  Online Safety ongoing	Exploring hardware  <i>iPads</i>  Online Safety ongoing	Introduction to Data   Safer Internet Day	All about instructions   Online Safety ongoing	Programming  <i>Beebots</i>  Online Safety ongoing	Using a computer  <i>Chromebooks</i>  Online Safety ongoing
<b>Year 1</b>	Using a computer – skills  <i>Chromebooks and Google Classroom</i>  Online Safety Unit – Lesson 1	Digital Imagery – Option 1  <i>Google Classroom, slides and docs</i>  Online Safety Workshop	Programming 1 – Algorithms (Lessons 1 and 2)  <i>Scratch Jr</i>  Safer Internet Day / Online Safety Unit – Lesson 2	Skills Showcase – Rocket to the moon  <i>Google Suite</i>  Online Safety Unit – Lesson 3	Programming 2  <i>Beebots</i>  Online Safety Unit – Lesson 4	Introduction to Data  <i>Google Suite</i>  Online Safety – Lesson 5
<b>Year 2</b>  <i>HowDo Bronze (Summer 2)</i>	Computer Systems (Lesson 1, 2 and 5)  <i>Google Suite</i>  Online Safety Unit – Lesson 1	Algorithms and Debugging (Lessons 1, 2, 4 and 5)   Online Safety Workshop	Data handling (Lessons 1, 3 and 5)  <i>Google Sheets and forms</i>  Safer Internet Day / Online Safety Unit – Lesson 2	Programming 2  <i>Scratch Jr</i>  Online Safety Unit – Lesson 3	Ped Tech Showcase!  <i>Drawing and photos on iPads</i>  Online Safety Unit – Lesson 4	Stop Motion – Option 1  <i>iPads</i>  Online Safety Unit – Lesson 5

**Bowes Learning Quest**  
**Long Term Subject Maps**



<p><b>Year 3</b></p> <p><i>HowDo Bronze</i></p>	<p><b>Networks</b> (Lessons 1, 3 and 5)</p> <p>Online Safety Unit – Lesson 1</p>	<p><b>Programming</b></p> <p><i>Scratch</i></p> <p>Online Safety Workshop</p>	<p><b>Emailing – Option 1</b></p> <p><i>Google Mail</i></p> <p>Safer Internet Day / *Online safety further covered in Lessons 4 and 5 of this unit</p>	<p><b>Ped Tech Showcase!</b></p> <p>Online Safety Unit – Lesson 2 and 3</p>	<p><b>Creating Media</b></p> <p><i>Google Suite</i></p> <p>Online Safety Unit – Lesson 4</p>	<p><b>Data Handling – Option 1</b></p> <p><i>Google Sheets and forms</i></p> <p>Online Safety Unit – Lesson 5</p>
<p><b>Year 4</b></p> <p><i>HowDo Bronze skills refresh and Silver</i></p>	<p><b>Collaborative Learning 1</b></p> <p>Online Safety Unit – Lesson 1</p>	<p><b>Programming 1</b></p> <p><i>Scratch and Marty Robot</i></p> <p>Online Safety Workshop</p>	<p><b>Creating Media – Website Design</b></p> <p><i>Google Sites</i></p> <p>Safer Internet Day / Online Safety Unit – Lesson 2</p>	<p><b>Programming 2 – Computational Thinking</b></p> <p>Online Safety Unit – Lesson 3</p>	<p><b>Data handling</b></p> <p>Online Safety Unit – Lesson 4</p>	<p><b>Ped Tech Showcase!</b></p> <p>Online Safety Unit – Lesson 5</p>
<p><b>Year 5</b></p> <p><i>HowDo Silver skills refresh</i></p>	<p><b>Programming</b></p> <p><i>Micro:Bits</i></p> <p>Online Safety Unit – Lesson 1</p>	<p><b>Creating Media NCEE</b></p> <p><i>Vector drawings – Chromebooks</i></p> <p>Online Safety Workshop</p>	<p><b>Garage Band – Composing</b></p> <p><i>iPads</i></p> <p>Safer Internet Day / Online Safety Unit – Lesson 2</p>	<p><b>Data Handling – Mars Rover</b></p> <p>Online Safety Unit – Lesson 3</p>	<p><b>Ped Tech Showcase!</b></p> <p>Online Safety Unit – Lesson 4</p>	<p><b>Skills – TinkerCad / Mars Rover 2</b></p> <p><i>Chromebooks</i></p> <p>Online Safety Unit – Lesson 5</p>
<p><b>Year 6</b></p> <p><i>HowDo Gold</i></p>	<p><b>History of Computers</b> (Lessons 3, 4 and 5)</p> <p><i>Chromebooks</i></p> <p>Online Safety Unit – Lesson 1 and 2</p>	<p><b>Teacher Choice –</b>  <b>1) NCEE Tinker Cad unit</b>  <b>2) Skills Showcase – Inventing a project</b></p> <p>Online Safety Workshop</p>	<p><b>Programming – Introduction to Python</b></p> <p>Safer Internet Day / Online Safety Unit – Lesson 3</p>	<p><b>Teacher Choice–</b>  <b>1) NCEE Webpages</b>  <b>2) Creating Media – Webpages</b></p> <p><i>Google Sites</i></p> <p>Online Safety Unit – Lesson 4</p>	<p><b>Data Handling</b></p> <p><i>Google Sheets</i></p> <p>Online Safety Unit – Lesson 5</p>	<p><b>New AI unit (available at the end of October 2024)</b></p> <p>Online Safety Unit – Lesson 6</p>