

Northampton Primary Academy Trust Computing Long-term Map

Computing	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<b>Year 1</b>	<b>Embedded unit</b>  Creating Media: <b>Digital Writing</b>  <i>e.g., link to History (Queen Elizabeth)</i>	Computer Systems and Networks: <b>Technology Around Us</b>	<b>Embedded unit</b>  Creating Media: <b>Digital Painting</b>  <i>e.g., link to Art (different media painting)</i>	Programming A: <b>Moving a Robot (Beebots)</b>	<b>Embedded unit:</b>  Data and Information: <b>Grouping Data</b>  <i>e.g., link to Science (identifying and naming common plants)</i>	Programming B: <b>Introduction to Animation (Scratch Jr)</b>
<b>Year 2</b>	<b>Embedded unit</b>  Creating Media: <b>Digital Photography</b>  <i>e.g., link to Art (drawing Inspired by architecture)</i>	Computer Systems and Networks: <b>IT Around Us</b>	<b>Embedded unit</b>  Creating Media: <b>Making Music</b>  <i>e.g., link to History (music for Christopher Columbus or Neil Armstrong journeys)</i>	Programming A: <b>Robot Algorithms (Beebots)</b>	<b>Embedded unit:</b>  Data and Information: <b>Pictograms</b>	Programming B: <b>An introduction to Quizzes (Scratch Jr)</b>
<b>Year 3</b>	<b>Embedded unit</b>  Basic skills/word processing.  <i>e.g., link to wider curriculum or English.</i>	Computer Systems and Networks: <b>Connecting Computers</b>	<b>Embedded unit</b>  Creating Media: <b>Animation</b>  <i>e.g., link to History (the Romans)</i>	Programming A: <b>Sequence in Music (Scratch)</b>	<b>Embedded unit:</b>  Creating Media: <b>Desktop Publishing</b>  <i>e.g., link to Science (parts of a plant)</i>	Programming B: <b>Events and Actions</b>  <i>Scratch</i>
<b>Year 4</b>	<b>Embedded unit</b>  Creating Media: <b>Photo Editing</b>  <i>e.g., link to History (Vikings)</i>	Computer Systems and Networks: <b>The Internet</b>	<b>Embedded unit</b>  Creating Media: <b>Audio Editing</b>	Programming A: <b>Repetition in shapes (Logo)</b>	<b>Embedded unit</b>  Data and Information: <b>Branching Databases</b>  <i>e.g., link to Science (classifications and keys)</i>	Programming B: <b>Repetition in Games (Scratch)</b>
<b>Year 5</b>	<b>Embedded unit</b>  Creating Media: <b>Vector Drawing</b>  <i>e.g., link to History</i>	Computer Systems and Networks: <b>Sharing information</b>	<b>Embedded unit</b>  Data and Information: Flat file databases  <i>e.g., link to History (WW1)</i>	Programming A: <b>Selection in Physical Computing (Crumbles)</b>	<b>Embedded unit</b>  Creating Media: <b>Video Editing</b>  <i>e.g., link to RE (stories of faith) or link to Art (sculpture)</i>	Programming B: <b>Selection in Quizzes (Scratch)</b>
<b>Year 6</b>	<b>Embedded unit</b>  Creating Media: <b>3D Modelling</b>	Computer Systems and Networks: <b>Communication</b>	<b>Embedded unit</b>  Creating Media: <b>Web Page Design</b>	<b>Programming A: Variables in Games (Scratch)</b>	<b>Embedded unit</b>  Programming B: <b>Sensing (Micro:bits)</b>	Data and Information: <b>Spreadsheet</b>  <i>e.g., link to End of Term party/event/summer fayre</i>