

(A)UTHENTIC

(S)ACRED

(P)ASSIONATE

(I)NSPIRATIONAL

(R)ESILIENT

(E)MPATHETIC

**Y7 Computer Science (STEM SUBJECT) – Curriculum Map**

<b>Advent 1</b> How do computers work?	<b>Advent 2</b> How do I stay safe on the Internet?	<b>Review of Learning</b> Formative assessments Do It Now Summative DIRT activity	<b>Lent 1</b> What is computational thinking?	<b>Lent 2</b> How is data handled with Spreadsheets?	<b>Review of Learning</b> Formative assessments Do It Now Summative DIRT activity	<b>Pentecost 1</b> What is Hardware & Software?	<b>Pentecost 2</b> How is an animation created?	<b>Review of Learning</b> Formative assessments Do It Now Summative DIRT activity
<b>Logging on.</b>  <b>Using the VLE</b>  <b>OneDrive</b>  <b>Email</b>  <b>Folder Management.</b>  <b>Letter Assessment Word</b>  <b>All about me PowerPoint</b>	<b>Acceptable IT use</b>  <b>File Management</b>  <b>Social Networking</b>  <b>Email</b>  <b>Searching the Web.</b>  <b>Socrative Assessment</b>	<b>Disciplinary Knowledge</b> Digital literacy Creating Performing  <b>PD</b> Safety on the Internet  <b>CST</b> Common Good Human Dignity Participation Common Good  <b>Careers</b> Morrisby Careers lessons  <b>Reading 3-2-1</b>	<b>Binary</b>  <b>Binary Addition</b>  <b>Logical Thinking</b>  <b>Logic Gates</b>  <b>And or Not</b>  <b>Algorithmic Thinking</b>  <b>Abstraction</b>  <b>Decomposition</b>  <b>Pattern Recognition</b>  <b>Socrative Assessment</b>	<b>Data entry</b>  <b>Cell referencing</b>  <b>Formatting Techniques</b>  <b>Formulas</b>  <b>Socrative Assessment</b>	<b>Disciplinary Knowledge</b> Computer Science Information Technology Creating Performing  <b>CST</b> Common Good Human Dignity Participation Common Good  <b>Careers</b> Morrisby Careers lessons  <b>Reading 3-2-1</b>	<b>Input and Output Devices</b>  <b>Hardware and Software</b>  <b>RAM and ROM</b>  <b>Storage Devices</b>  <b>Assistive Technology</b>  <b>Types of Software</b>  <b>Types of Computer</b>  <b>Embedded Systems</b>  <b>Socrative Assessment</b>	<b>Creating a pivot animation of an Olympic event</b>	<b>Disciplinary Knowledge</b> Information Technology Creating Performing  <b>CST</b> Option for the poor Human Dignity  <b>Careers</b> Morrisby Careers lessons  <b>Reading 3-2-1</b>

*Currently, year 7 classes are taught in tutor groups and consist of 1 lesson per week during the academic year.*