

(A)UTHENTIC (S)ACRED (P)ASSIONATE (I)SPIRATIONAL (R)ESILIENT (E)MPATHETIC

Y8 Computer Science (STEM SUBJECT) – Curriculum Map								
Advent 1 Understanding Computers	Advent 2 Computer Crime and Cyber security	Review of Learning Formative assessments Do It Now Summative	Lent 1 Introduction to Python	Lent 2 Spreadsheets	Review of Learning Formative assessments Do It Now Summative	Pentecost 1 Graphics	Pentecost 2 Animation	Review of learning Formative assessments Do It Now
Elements of a Computer	Email Scams  Computer	DIRT activity  Disciplinary	Strings & Variables	Computer Models	DIRT activity  Disciplinary	Vector Graphics	Creating a pivot animation of	Summative DIRT activity  Disciplinary
CPU	Misuse	knowledge Digital Literacy Computer	Data Types & Arithmetic	Financial	knowledge Information Technology	Bitmap	an Olympic	knowledge Computer
Binary & Hexadecimal	Hacking	Science Creating	Selection	model	Computer Science	Graphics	event	Science Creating
Storage Devices	Protecting	Performing	Algorithms	What IF Scenarios	Creating Performing	Conveying Meaning		Performing
Convergence & New Technology	Personal Data	PD Safety on the Internet	Loops	Conditional Formatting &	<u>CST</u> Common Good Human Dignity	Effects & Enhancements		CST Option for the poor
Sorting Algorithms	Copyright	CST Common Good	Binary Search  Counties	Validation	Participation Rights and	Adding Text		Human Dignity  Careers
Searching Algorithms	Health & Safety	Human Dignity Participation Rights and responsibilities	Program	Assessment Portfolio	responsibilities Common Good Careers	Poster Assessment		Morrisby Careers lessons
Socrative Assessment	Socrative Assessment	Careers			Morrisby Careers lessons			Reading 3-2-1
		Morrisby Careers lessons Reading 3-2-1			Reading 3-2-1			

Currently, year 8 classes are taught in Math's sets and consist of 1 lesson per week during the academic year.