

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

V10 Computer Science OCD (STEM SUBJECT)	Curriculum Mon

Y10 Computer Science OCR (STEM SUBJECT) – Curriculum Map			
Advent	Lent	Pentecost	Review of learning
Computer science OCR J277 Curriculum content:  Systems architecture	Computer science OCR J277 Curriculum content:  Boolean Logic  • Logic gates and or not • Truth tables • Logic diagrams  Programming fundamentals  • Programming fundamentals • Data types • Additional programming techniques SQL • Inputs and outputs • Sequence • Selection • Iteration  Reading 3-2-1	Computer science OCR J277 Curriculum content:  Producing robust programs	Review of learning Takes place during and at the end of each half term and during Do It Now activities  Disciplinary knowledge  Systems architecture Memory and storage Algorithms Boolean Logic Programming Operating systems Ethical and cultural impacts  Review of learning Formative assessments Do It Now Summative DIRT activity Bespoke teacher feedback - mark to GCSE specification.  CST Participation, Rights and responsibilities, Common Good Stewardship of creation, Option for the poor
Searching and sorting algorithms  Reading 3-2-1		wider society • Legislation relevant to Computer Science  Reading 3-2-1	Careers GCSE OCR CS options College assemblies British Values
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Currently, year 10 classes consist of 5 lesson per two week during the academic year.