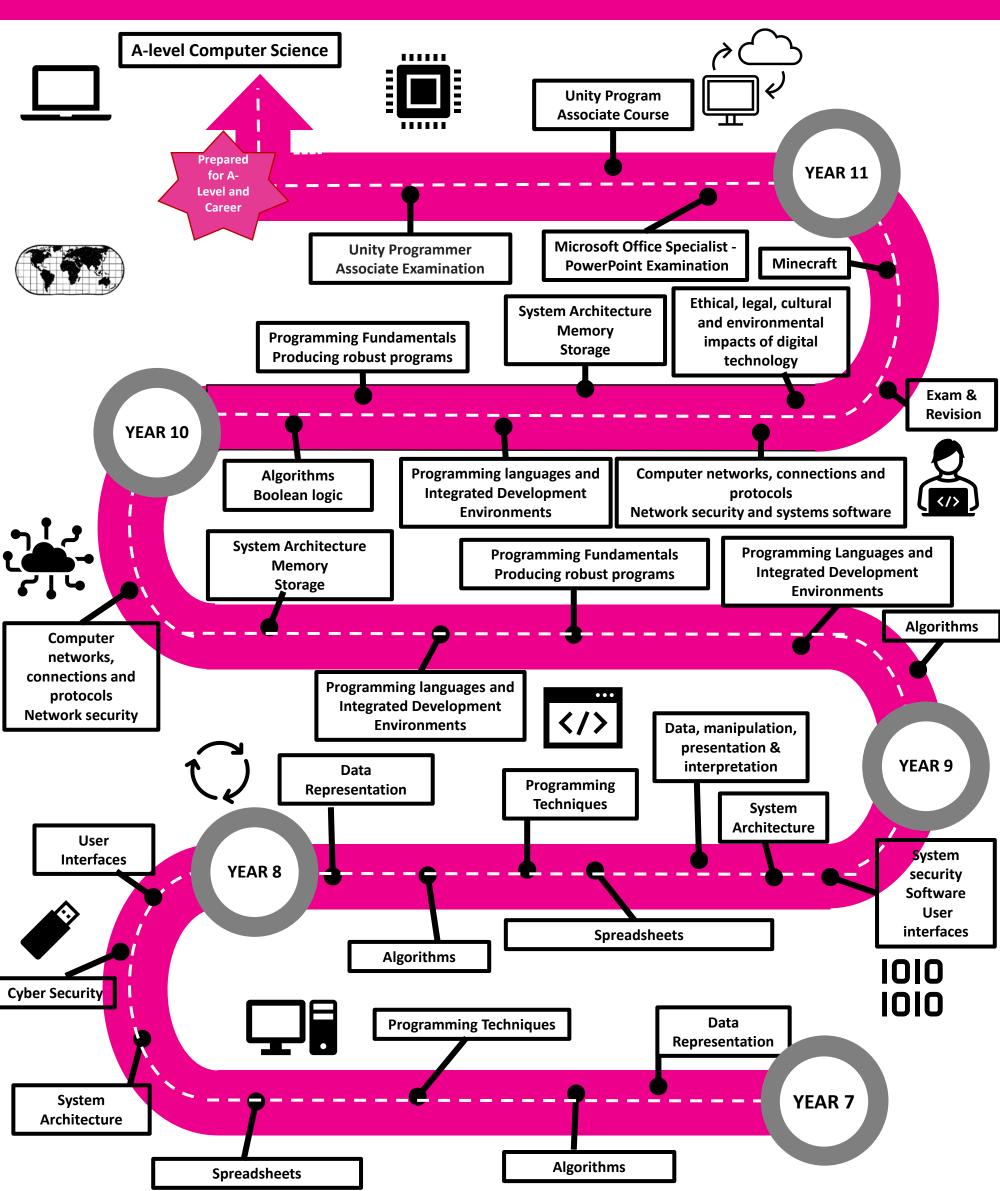
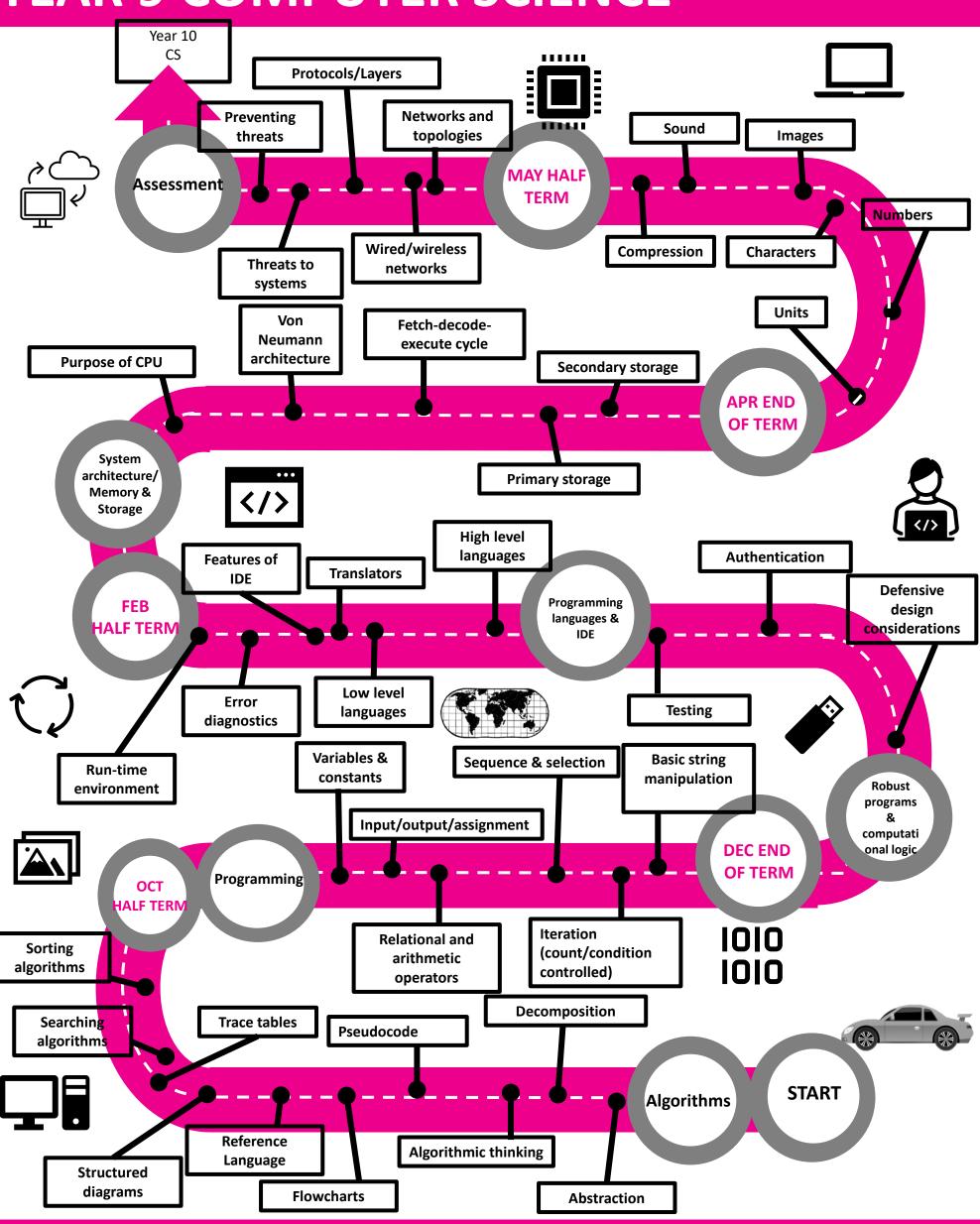
YEAR 7 – 11 COMPUTING



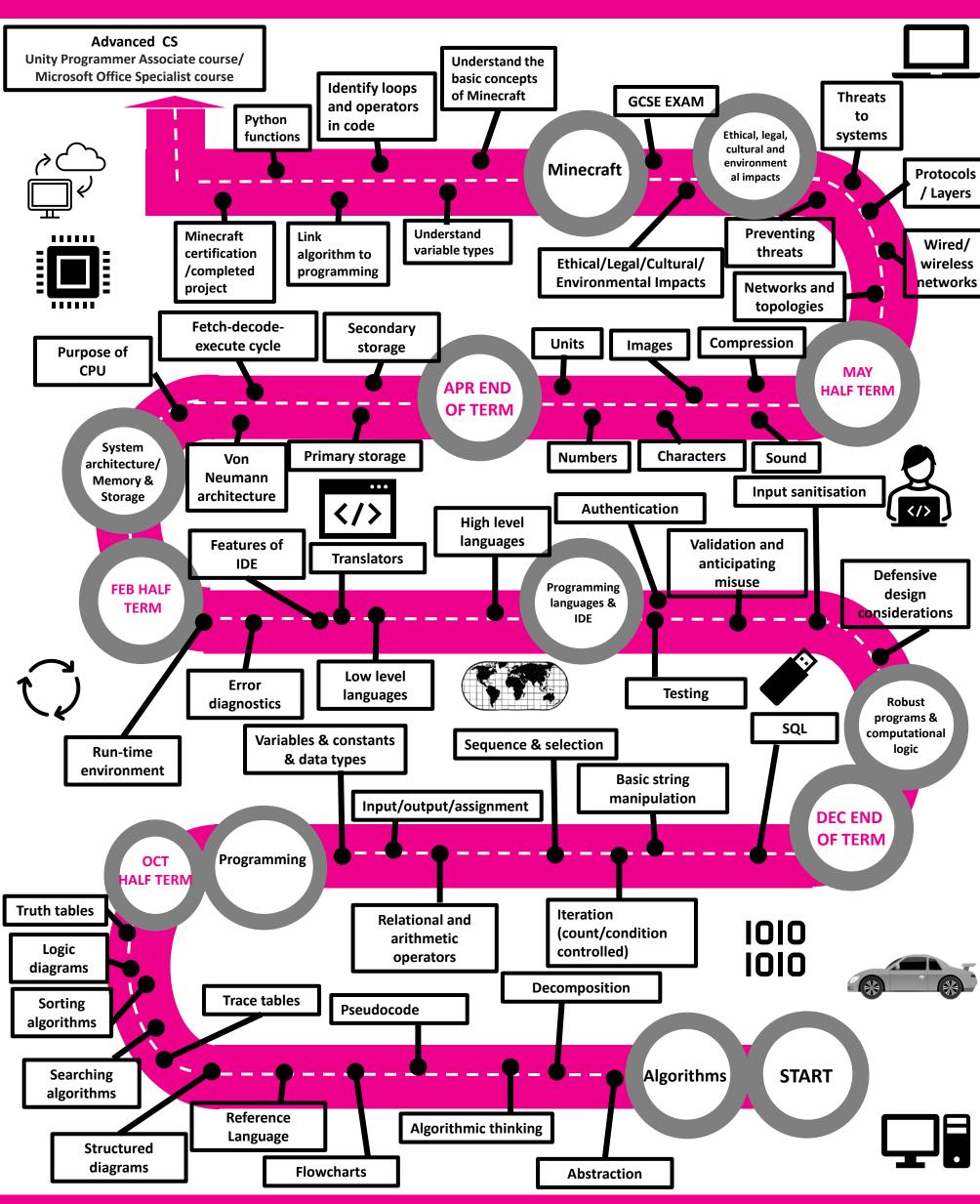
YEAR 7 COMPUTING Year 8 Computer Science **Software Operating** Fetch-Decodeapplications systems **Execute cycle** Cybersecurity **System MAY** architecture Assessment **HALF TERM Primary and** Input-process-output **APR END Network security** secondary **OF TERM** storage **Arithmetic Macros Operators** Conditi onal **FEB Spreadsheets Formatt** HALF TERM ing **Data types Operators VLOOKUP's** Cell Sum, Average, Code Min, Max **IF Functions** Referencing Readability **Features** functions Lists **Bubble sort/linear Functions** search **Pseudocode** Programming Iteration **Strings Applying** Variables/constants **Applying selection** iteration within within program code program code **Pseudocode Command Computational thinking** sequence/selection DEC END OF **OCT TERM** Algorithms **IALF TERM Flowcharts** File sizes **Image** 1010 Representation **Binary addition** Hexadecimal **Data** Representation **START ASCII Binary shifts Binary-denary LEARNING JOURNEY**

YEAR 8 COMPUTING **Conditional** Cybersecurity Year 9 Computer Science Software Fetch-Decode-**Formatting** applications **Execute cycle** User Utility and interfaces/ software **Data summary Count functions** operating sheets (graphs, design systems principles dashboard) Data collection System Assessment **Networks** methods architecture **TERM Data Primary and Identifying and** Rank manipulation Cloud secondary preventing **Functions** Cloud **Technologies** storage Input-processvulnerabilities **Technologies** output Importing/ Sum, Average, Min, Max functions transposing **Validation** data **IF Functions APR END OF TERM** Spreadsheets Absolute/Re Cell Customizing **Linked sheets VLOOKUP's** lative cell Referencing **Macros** user referencing interface Debugging/ Code **Features** Variables/constants Readability **String** /Data types **Functions** Manipulation **FEB** HALF TERM Boolean/ **Applying** Arithmetic Lists **Applying Programming** Arrays/ iteration selection/nested and File **Records** within selection within relational handling program code operators program code **Pseudocode** Logic Computational thinking Trace Command Gates tables sequence/selection **DEC END** Algorithms **OF TERM** Sorting algorithms **Flowcharts Nested selection OCT Pseudocode** Searching HALF TERM Iteration/ algorithms nested iteration **Binary addition** File sizes Data Representation **START** Compression Sound Representation **Image** Hexadecimal Representation **ASCII Binary-denary Binary shifts LEARNING JOURNEY**

YEAR 9 COMPUTER SCIENCE



YEAR 10 COMPUTER SCIENCE



YEAR 11 ADVANCE UNITY PROGRAMMER

