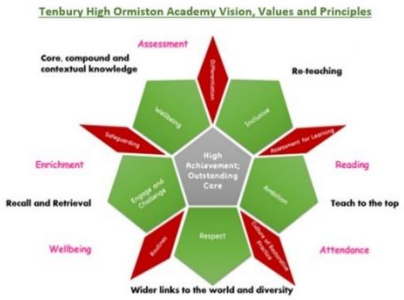
TENBURY HIGH
ORMISTON ACADEMY



Curriculum Overview for Computer Science
Year 8

Half Term 3 **Substantive Knowledge:** • Students will learn the importance of computational thinking • Students will learn what an algorithm is • Students will learn what decomposition is • Students will learn the benefits of decomposition • Students will learn about flow charts • Students will understand the meaning of different flow chart symbols **Disciplinary Knowledge:** • Be able to decompose a problem effectively • Be able to produce a flow chart • Be able to produce a flow chart with decisions		Model reading Reading out loud Skim and Scan of source information Decoding terms Etymology of key terms
		Computational thinking Algorithm Decomposition Flow Chart Terminal Process Input Output Decision
		**Formative assessment** Knowledge checks Quiz Practice questions **Summative assessment** End of unit assessment
		Practice questions Revision tasks Research tasks