

Computer Science – Year 9

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 9	<p>Computer System</p> <p>Drawing a concept map to represent internal parts of a basic computer architecture. In-class small to assess understanding on embedded and general purpose computers.</p> <p>AO1 - Recall, select and communicate</p>	<p>Binary Logic</p> <p>A summative written assessment (Synoptic) - Exam style question covering concepts of binary logic.</p> <p>AO1 - Recall, select and communicate</p> <p>AO3 - Analyse and evaluate</p>	<p>Representation of data</p> <p>Clicker questions will be used students encouraged to find answers to teacher's questions before comparing their written answers to teacher's options. Also, in-class discussion.</p> <p>AO1 - Recall, select and communicate</p>	<p>Introduction to Programming</p> <p>A summative written assessment (Synoptic) - Exam style question covering programming concepts</p> <p>AO2 - Apply knowledge, understanding and skills</p> <p>AO3 - Analyse and evaluate</p>	<p>Python fundamentals</p> <p>Turn in designed programs for early feedback. Extended programming projects learning from groups' input as well as peer assessment.</p> <p>AO2 - Apply knowledge, understanding and skills</p>	<p>Programming Project</p> <p>A summative written assessment (Synoptic) - Exam style question covering programming techniques.</p> <p>AO2 - Apply knowledge, understanding and skills</p> <p>AO3 - Analyse and evaluate</p>