



Programmes of study 2018-19: SUBJECT: Computing and ICT

	7	8	9	10	11	12	13
Autumn 1	E-Safety	Python programming (with mini assessment) - (Grades 1 - 3 work)	<p>Computing: Unit 8 - Data Representation J276 (2 weeks per lesson)</p> <p>ICT: Creating an interactive product -<u>as a presentation</u></p>	<p>Computing: Unit 7 - Logic and Languages (programming language will be C# /python/ VB)</p> <p>R007 - Sound Editing and Movie using Movie Maker</p>	<p>Computing: Unit 8 - Data Representation J276 (2 weeks per lesson)</p> <p>ICT: Fundamentals of Computing R001</p>	Unit 1 - Fundamentals of IT	Unit 2 - Global Information
Autumn 2	Scratch programming	Python Programming project (project-based assessment) - (Grade 1 - 3 work)	<p>Computing: Unit 8 - Data Representation J276 (2 weeks per lesson)</p> <p>ICT: Creating an interactive product - <i>as a website</i></p>	<p>Computing: Unit 8 - Data Representation</p> <p>ICT: R007 - Creating dynamic products</p>	<p>Computing: Unit 8 - Data Representation J276 (2 weeks per lesson)</p> <p>ICT Fundamentals of Computing R001</p>	Unit 1 - Fundamentals of IT	Unit 2 - Global Information
Spring 1	Micro:bits	Hardware	<p>Computing: Application programming using Python</p> <p>ICT: R005 - Creating an interactive product</p>	<p>Computing: Unit 5 – Algorithms</p> <p>ICT: R007 - Creating dynamic products</p>	<p>Computing: Application programming using Python</p> <p>ICT: R005 - Creating an interactive product</p>	Unit 14 Software Engineering for Business	Unit 6 (M) – Application Design
Spring 2	Micro:bits project with project-based assessment)	Software/project to develop several pieces of documents using appropriate software	<p>Computing: Application programming using Python</p> <p>ICT: R005 - Creating an interactive product</p>	<p>Computing: Unit 6 – Programming</p> <p>ICT: R007 - Creating dynamic products</p>	<p>Computing: Application programming using Python</p> <p>ICT: R005 - Creating an interactive product</p>	Unit 14 Software Engineering for Business	Unit 6 (M) – Application Design Revision for any resits
Summer 1	Analysing Data and Asking questions (Internet and databases)	Python programming (with mini assessment) (Grade 3/4 work)	<p>Computing: Unit 6 - Programming J276 (Theory)</p>	<p>Computing: Programing project - First attempt in preparation for controlled assessment</p>	<p>Computing: Unit 6 - Programming J276 (Theory)</p>	Unit 8 Project management	

			R005 - Creating an interactive product		R005 - Creating an interactive product		
Summer 2	Analysing Data and Asking questions (Internet and databases)	Python Programming project (project-based assessment) (Grade 3 - 4 work)	Computing: Unit 6 - Programming J276 (Theory) ICT: R005 - Creating an interactive product	Computing: Programing project - Second attempt in preparation for controlled assessment		Unit 8 Project management	