The Evolution Centre Annual Planning

Course subject content/qualification	**Key Stage 3 Computing**
Year group/Class information	See below
Number of lessons per week	one 45 minute lesson per week

Term	**Topics and Content to be Covered + Deadlines** **Year 7**	**Topics and Content to be Covered + Deadlines** **Year 8**	**Topics and Content to be Covered + Deadlines** **Year 9**
Autumn 1 (Sep – Oct)	Year 7 baseline test Computational Thinking Hardware and computer systems, part 1	Computational Thinking Boolean logic, logic gates and truth tables Psueudocode: an introduction	Computational Thinking Boolean logic, logic gates and truth tables Sorting and searching algorithms part 1
Autumn 2 (Nov-Dec)	on line safety: Viruses, password security and digital footprints Hardware and computer systems, part 2 end of term test	Revisit to Python basics (text based coding) Binary numbers Sorting and searching algorithms end of term test	An Introduction to Python: drawing (text based coding) end of term test
Spring 1 (Jan-Feb)	An Introduction to Scratch (block based coding)	representing data: images, sound and text Computer networks and the internet part 1	Psueudocode: an introduction representing data: images, sound and text
Spring 2 (Mar-Apr)	Binary numbers Flowcharts end of term test	Computer networks and the internet part 2 Flowcharts end of term test	CEOP, internet security/safety Sorting and searching algorithms part 2 end of term test
Summer 1 (Apr – June)	representing data: images, sound and text	HTML 4 and CSS: an introduction	Computer networks and the internet
Summer 2(June – July)	An Introduction to Python (text based coding) end of term test	An Introduction to Python: numbers (text based coding) end of term test	HTML 4 and CSS: an introduction end of term test