

# COMPUTING: Year 11

## Course Outline



Half term	TOPIC	CONTENT	Suggestions for enrichment activities <i>(eg: films, websites, books, museums and activity centres)</i>
1	Preparation	Practice programming tasks – times tables, area rectangle, inequalities. Saving data in programs to folders and retrieving the data.	<a href="https://docs.python.org/3/tutorial/index.html">https://docs.python.org/3/tutorial/index.html</a> is the online tutorial for Python, designed by the group that make Python.
OCTOBER HALF TERM HOLIDAY			
2	Controlled Assessment	Researching programming techniques required for the Controlled Assessment tasks.	<a href="http://codingbat.com/">http://codingbat.com/</a> is an example of online tutorials for Python programs, where examples can be found.
CHRISTMAS HOLIDAYS			
3	Controlled Assessment	Controlled Assessment Unit 453 Programming: Maths quiz – creating a maths quiz program for a Primary School Teacher	Practice Python skills at home, especially ones needed for the Controlled Assessment Task.
FEBRUARY HALF TERM HOLIDAY			
4	The Internet and networks	Computer networks – LAN, WAN, terms, hardware, peer-to-peer and client-server, network policies The Internet – hardware, IP addressing, HTML, file standards, lossy and lossless compression	<a href="http://www.gcsecomputing.org.uk">www.gcsecomputing.org.uk</a> is a website that students have access to and can use to revise from.
EASTER HOLIDAYS			
5	Revision	Preparation for the GCSE Written exam. Past paper work, etc.	Students have access to 90 GCSE computing short videos that they should be watching – need to copy from Shared Area of computer network.
MAY HALF TERM HOLIDAY			
6	Revision	Past Paper work for the exam	Students should be using the MOOC website for revision - <a href="http://www.cambridgegcsecomputing.org/new-course">http://www.cambridgegcsecomputing.org/new-course</a>