IST Outline: Year 9

Term	Week	Unit of Work	Key Concepts	Class Tasks and Homework	Assessments
1	1 - 4	Social and Ethic Issues and the Internet	eWaste Social Networking Privacy Security and Cyber safety Past Changing and Emerging Technologies	Research discussions/ worksheets/ use of video to material to reflect on the issues related to online life.	
	5 - 9	Hardware	History of computers. Hardware types names and functions.	Hands on dismantling of an old PC. Document the internal components and refit.	Research/Essay on Ethical issues 15%
2	1 - 4	Web site Development	HTML language and use of web authoring software.	Use of Publisher, Notepad and Dreamweaver to create web pages.	Build a Web Site Project 15%
	4 - 10				Half Yearly Exam 20%
3	1 - 10	Programming – Python and Scratch	Variables, control structures, language syntax. Python Competition Use of Scratch.	Python competition completed in class and at home. Scratch work booklet and activities completed.	Python / Scratch Programming assignment
4	1 - 6	Kodu Game Design and Software Systems	Algorithm design in pseudo code and flowchart. Software types – system software, applications and utility programs.	Practical work learning and using Kodu.- worksheets and activities on theory aspects	Kodu Game
	7 - 10	Networks	Topologies, Intranet/Intranet, transmission media wireless and cable , protocols of networks	Tour of school to document the network at KHS	Theory Assessed in Year 10 half yearly exam.