

SUBJECT		YEAR	TERM
A-Level Computer Science (OCR)		13	1
UNIT			
Ethics and Law			
INTENT			
PRIOR LEARNING (TOPIC) – Representing Data & System Architecture			
Just because we can do something using a computer doesn't necessarily mean we should! Computer science comes hand-in-hand with a wide array of legal, moral and ethical issues associated with it. In this unit pupils look at not only the legislation related to the use of computers, but also some ethical, environmental and cultural issues surrounding it too. This includes modern concerns such as the growing rise in AI.			Specification Points: This unit covers points 1.5.1 and 1.5.2
FUTURE LEARNING (TOPIC): Post-18 Computer Science and Ethics courses.			
IMPLEMENTATION		IMPACT	
Throughout the unit pupils will cover: <ul style="list-style-type: none">The main laws covering the use of computers, including Data Protection, Computer Misuse, Copyright and Regulation of Investigatory Powers.The impact the use of computers has upon society, including automation, environmental issues, privacy concerns, freedom of speech etc.		Assessment: Pupils will sit a 40 mark in-lesson assessment at the end of the unit, the score from which will be translated into an A* to E style grading. In addition to this, pupils will complete regular exam style questions both during lesson and as part of homework tasks.	
HOW CAN PARENTS HELP AT HOME?			
All course materials are available via Firefly. In the build-up to the assessment, parents can help by supporting their child's revision. This can include testing them using flash cards or simply getting them to explain topics to you.			
HELPFUL READING/FURTHER DISCUSSION			
READING/EXTRA-LEARNING There are an enormous number of online courses and tutorials to help pupils develop their computer science skills further. Visit the Next Steps section of the Computing department's Firefly page for more details.	CAREERS The skills / knowledge learnt in this unit lead are important in all aspects of computing. They also link to wider careers in fields such as law.		WIDER SKILLS Digital Literacy Resilience Critical Thinking
VOCABULARY			
Data Protection, Computer Misuse Act, Copyright, Designs and Patents, RIPA, Automation, AI, E-Waste, Piracy, Censorship.			