



MAGHULL HIGH SCHOOL – CURRICULUM MAP

Unit: Topic 1.6 Issues	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
LESSON TOPIC QUESTION(S)	<p>Lesson 1 What are the privacy impacts of systems?</p> <p>Lesson 2 What are the legal impacts of systems?</p> <p>Lesson 3 How are computer programs developed?</p>	<p>Lesson 4 What are the cultural impacts of systems?</p> <p>Lesson 5 What are the environmental impacts of systems?</p>	<p>Lesson 6 What are the society impacts of systems?</p> <p>Lesson 7 When should you use open or proprietary software?</p> <p>Lesson 8 Can I show what I have learnt?</p>	<p>Lesson 9 How do you answer the extended answers?</p> <p>Lesson 10 Can I show what I have learnt?</p>	<p>Lesson 11 How are computer programs developed?</p> <p>Lesson 12 How are computer programs developed?</p> <p>Lesson 13 Can I show what I have learnt?</p>	<p>Lesson 14 How are computer programs developed?</p> <p>Lesson 15 How are computer programs developed?</p>
Knowledge & Skills development	<p><u>Theory Knowledge</u></p> <p><i>Ethical Issues</i> <i>Privacy Issues</i> <i>Legal Issues</i> <i>Cultural Issues</i> <i>Environment Issues</i> <i>Impacts on Society</i> <i>Open source vs proprietary software</i></p>			<p><u>Digital Skills</u></p> <p><i>Be able to use text-based programming</i> <i>Be able to use different programming construct</i> <i>Be able to work with external files with text-based programming</i> <i>Be able to work with multiple windows</i> <i>Be able to access Teams and complete work</i> <i>Be able to access the MS365 suite of apps</i> <i>Use common shortcut keys</i></p>		
Assessment / Feedback Opportunities	<p><i>Formative Assessment</i> Workbook activity Class Discussion Questioning pupils Verbal Feedback Live Marking</p>			<p><i>Summative assessment</i> Knowledge check Cumulative Test</p>		
Key Vocabulary	Ethical issues, Legal issues, Cultural issues, Environmental issues, Privacy issues, The Data Protection Act 2018, Computer Misuse Act 1990, Copyright Designs and Patents Act 1998, Software licences, Open source, Proprietary					
Literacy/Reading opportunities	<p><u>Books</u> The Coming Wave: AI, Power and Our Future Code: The Hidden Language of Computer Hardware and Software Python Challenge – PG online</p> <p><u>Website for technology news</u> https://newsforkids.net/category/all_news/science/technology/ https://www.dogonews.com/category/technology</p>					

Cross Curricular Themes	Development of digital skills and use of online platforms
Personal Development (Including British Values, RSE, Citizenship)	C12 the legal system in the UK C13 diverse national, regional, religious and ethnic identities in the United Kingdom and the need for mutual respect and understanding O1 about online risks, including that any material someone provides to another has the potential to be shared online and the difficulty of removing potentially compromising material placed online O4 what to do and where to get support to report material or manage issues online
Career Opportunities	Software Engineer – App developer – R&D – Cyber Security