Home Learning Map – Subject: Computer Science   **Year Group: 12**   **Sets: N/A**

HT	REVIEW AND EMBED / CONSOLIDATE	RESEARCH AND EXPLORE / REACTIVE	READ AND ENJOY / PROACTIVE
1	• N/A	• N/A	• N/A
2	• Topic: Fundamentals of Programming and Computer Systems. Blank flash cards provided to each student, using https://www.physicsandmathstutor.com/	• Exam style questions at end of each topic. • Watch videos from current topic at https://student.craigndave.org/aqa-alevel-videos	• Textbook pages set weekly. • Current news stories regarding ethics issues. https://theday.co.uk/search?q=computer+ethics
3	• Topic: Fundamentals of Algorithms and Networks. Blank flash cards provided to each student, using https://www.physicsandmathstutor.com/	• Exam style questions at end of each topic. • Watch videos from current topic at https://student.craigndave.org/aqa-alevel-videos	• Textbook pages set weekly. • Current news stories regarding ethics issues. https://theday.co.uk/search?q=computer+ethics
4	• Topic: Fundamentals of Data Representation and Data Structures. Blank flash cards provided to each student, using https://www.physicsandmathstutor.com/	• Exam style questions at end of each topic. • Watch videos from current topic at https://student.craigndave.org/aqa-alevel-videos	• Textbook pages set weekly. • Current news stories regarding ethics issues. https://theday.co.uk/search?q=computer+ethics
5	• Topic: Theory of Computation and Architecture. Blank flash cards provided to each student, using https://www.physicsandmathstutor.com/	• Exam style questions at end of each topic. • Watch videos from current topic at https://student.craigndave.org/aqa-alevel-videos	• Textbook pages set weekly. • Current news stories regarding ethics issues. https://theday.co.uk/search?q=computer+ethics
6	• Topic: Problem Solving and Uses of Computing. Blank flash cards provided to each student, using https://www.physicsandmathstutor.com/	• Exam style questions at end of each topic. • Watch videos from current topic at https://student.craigndave.org/aqa-alevel-videos	• Textbook pages set weekly. • Current news stories regarding ethics issues. https://theday.co.uk/search?q=computer+ethics