|  |  |
| --- | --- |
| Year \_\_9\_\_ | **Topic:**  **Period:** Autumn 1 |
| **Overview of topic:**  To study Online safety including issues of crime, cyber bullying, extremism and fake news  Investigate types of user interface design for individuals and organisations How hardware and software affect a user interface choices and design principles of effective GUIs | |
| **Key** **knowledge:**  Understand causes of Cyber Crime, cyber bullying, extremism and fake news and how to keep safe, and how to evaluate websites for trustworthiness.  **Key vocabulary:**   |  |  | | --- | --- | | **Tier 2** | **Tier 3** | | **Extremism**  **Cyber Security**  **Cyber Bullying**  **Fake News**  **Online Predators**  **Hackers**  **Fraudsters**  **Grooming**  **Evaluation**  **GUI**  **Graphical**  **Assistive Technology**  **Design Principles** | **DDOS**  **Trojan Horses**  **Worm Virus**  **Spyware**  **Shoulder Surfing**  **Command Line**  **Menu GUIs**  **Intuitive**  **Haptic** | | **Key skills:**  ***Know how to…***  Build on Key Stage 3 where you have learned about computer systems and software applications. You will learn how effective design and planning has a major impact on the user experience. This component will help you to progress to further vocational or academic qualifications. It will also enable you to develop transferable project planning skills that can be used across all areas of study and employment. |
| **Co-curricular opportunities: *(ASPIRE Day, Careers, clubs, competitions etc)***  Links to Minecraft club and similar clubs in school | **Key reading skills taught *(clarify, question, summarise, predict)* and key texts:**  **Wider Reading Opportunities/Links:**  Please see Classnote Books on Teams and [www.doddlearn.co.uk](http://www.doddlearn.co.uk) for independent homework and study |
| **How can I use this information at home?**   * Conversation starters with your children to discuss their learning * Support your child in carrying out independent research around the topic * Visit your local library (or BorrowBox), museums, or other locations to explore the topic * Promote books/other texts that explore this topic (see reading section) * Help your child to learn the key vocabulary | |