



Unit: Effective Digital Working Practices	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
LESSON TOPIC QUESTION(S)	Gap identification and bespoke revision	Extended Response skills application	Exam paper modelling and Exam paper Practice	Bespoke revision topic	Retrieval Revision	Bespoke Revision topic
Knowledge & Skills development	<p style="text-align: center;"><u>Knowledge</u></p> <p><i>Communication Technologies</i>  <i>Cloud Storage and Computing</i>  <i>Modern Teamwork</i>  <i>Inclusivity and Accessibility</i>  <i>External Threats</i>  <i>Internal Threats</i>  <i>Data Protection Policies</i>  <i>Environmental Issues</i>  <i>Equal issues</i>  <i>Data Protection Criminal Use</i>  <i>Data Flow Diagrams</i>  <i>Flowcharts</i>  <i>System Diagrams</i>  <i>Tables</i></p>					
Assessment / Feedback Opportunities	<p><b>Formative Assessment</b>            Class activity            Class Discussion            Questioning pupils            Verbal Feedback            Live Marking  <i>Past papers</i>  <i>Knowledge checks</i></p>					
Key Vocabulary	Ad hoc network, open Wi-Fi, tethering, personal hotspot, developed/developing countries, infrastructure, network coverage, blackspot, access rights, synchronisation, availability, scalability, consistency, cloud storage, cloud computing, file versions, interface design, layout, accessibility, notifications, disaster recovery, data security, compatibility, downtime, responsiveness, complexity, diversity, multicultural, inclusivity, flexibility, 24/7/365, collaboration tools, communication platforms, stakeholders, alt text, screen reader, depression, stress.					

	<p>Hacker, system attack, black hat, white hat, grey hat, malware, virus, worm, botnet, rootkit, Trojan, ransomware, spyware, Denial of Service, phishing, pharming, social engineering, shoulder surfing, 'man-in-the-middle' attacks, unintentional disclosure, information theft, security controls, security breach, internal threat, passwords, access levels, biometrics, two-factor authentication, ethical hacking, penetration testing, system analysis, behaviour analysis, firewall, interface design, autocomplete, anti-virus, device hardening, encryption, cyber security, policy, acceptable use policy (AUP), disaster recovery, backups</p> <p>Shared data, location-based data, GPS, transactional data, cookies, data exchange, privacy, ethics, manufacture, disposal, energy, waste, rare materials, upgrade, replace, policy settings, auto power off, power-saving, equal access, equality, net neutrality, acceptable use policies, scope, assets, monitoring, sanctions, social media, professional life, data protection, lawful processing, accuracy, data subject, right to be forgotten, trademarks, patents, copyright, permissions, licensing, attribution, unauthorised access, unauthorised modification, malware</p> <p>Data flow diagram, information flow diagram, system diagram, flowchart, variable, chart, range, maximum, minimum</p>
<b>Literacy/Reading opportunities</b>	<p><b><u>Books</u></b>  The Coming Wave: AI, Power and Our Future  The Teenage Guide to Digital Wellbeing</p> <p><b><u>Refactoring UI</u></b></p> <p><b><u>Website for technology news</u></b>  <a href="https://newsforkids.net/category/all_news/science/technology/">https://newsforkids.net/category/all_news/science/technology/</a>  <a href="https://www.dogonews.com/category/technology">https://www.dogonews.com/category/technology</a></p>
<b>Cross Curricular Themes</b>	Development of digital skills and use of online platforms
<b>Personal Development (Including British Values, RSE, Citizenship)</b>	Respectful communication
<b>Career Opportunities</b>	Graphic Designer – UI/UX Designer – Animator – Concept Artist – Video Game Designer - Cyber security – White hat hacking – System testing – Software engineer - Network Administrator – Network System Engineer - Network Programmer/Analyst - Network Systems Manager