

<b>Subject</b>	<b>AAQ Information Technology</b>
<b>Context / relevance</b>	<p>There are 4 main aims of Information Technology Course,            Unit 1: Information Technology Systems            Unit 2: Cyber Security and Incident Management            Unit 3: Website Development            Unit 4: Relational Database Development            The following tasks will help you to gain an overview/refresher of the Programming Skills for Website Design and The Impacts of Computer Systems in Society that you will need to master/know for the Information technology A-level.</p>
<b>Securing</b>	<p>During the first year of the course you will develop an interactive website for a scenario set by the exam board. There you will need to be able to code using HTML, Java script and CSS. Use the online tutorial to get familiar with HTML  <a href="#">HTML Tutorial</a></p>
<b>Processing</b>	<p>Ethical, Legal, Cultural and Environmental Concerns:            Find a recent news story on one of the following topics:</p> <ul style="list-style-type: none"> <li>• A legal issue in computing, such as a breach of the Data Protection Act</li> <li>• An ethical issue in computing, such as the development of AI</li> <li>• An environmental issue in computing, such as the disposal of waste equipment</li> <li>• A technical development in computer science, such as the Internet of Things</li> </ul> <p>Summarise the story, explaining any technical content for a student in year 10. Explain how the story affects you as a student of computer science</p> <p>Read through the article from the <b>Digital Divide Council</b> - provides insights into the digital divide and the importance of technology in education. It includes case studies and discussions on how digital devices are impacting various fields. <a href="#">Blog   Digital Divide Council</a></p>
<b>Exploring</b>	<ul style="list-style-type: none"> <li>• Research SEO (Search Engine Optimization and investigate their what it is and how this is implemented.</li> <li>• Read through the content on Evaluating Websites</li> <li>• <b>University of Reading</b> – Evaluating websites:  <a href="https://libguides.reading.ac.uk/evaluating-websites">https://libguides.reading.ac.uk/evaluating-websites</a></li> <li>•</li> </ul>
<b>Reviewing</b>	<p>Reflect on what you have learned through this work by doing the following:</p> <ul style="list-style-type: none"> <li>• Note down 5 new things that you found most interesting</li> <li>• What did you find most challenging and what did you feel most confident with?</li> <li>• Write down 3 questions that you would like to ask your teacher about the topic area(s) that you have been introduced to</li> </ul>