Y11-12 Bridging work – ICT and Computing 2026

Cambridge Advanced National in Computing: Application Development - H029, H129

Extended Certificate:

Specification - OCR Level 3 Alternative Academic Qualification Cambridge Advanced National in Computing: Application Development Specification

- F160 - Fundamentals of application development
  - Sample - Level 3 Alternative Academic Qualification Cambridge Advanced Nationals in Computing: Application Development:Sample Assessment F160
- F161: Developing application software
  - Sample - Level 3 Alternative Academic Qualification Cambridge Advanced National in Computing: Application Development Sample assessment F161
- F162: Designing and communicating UX/UI solutions
  - Sample - Sample Assessment Material - Cambridge OCR Level 3 Alternative Academic Qualification Cambridge Advanced Nationals in Computing: Application Development, H029/H129, F162 - Designing and communicating UX_UI solutions
- F163: Game development
  - Sample - Sample Assessment Material - Cambridge OCR Level 3 Alternative Academic Qualification Cambridge Advanced Nationals in Computing: Application Development, H129, F163 - Game development
- F164: Website development
  - Sample - Sample Assessment Material - Cambridge OCR Level 3 Alternative Academic Qualification Cambridge Advanced Nationals in Computing: Application Development, H129, F164 - Website development

Support material: Cambridge Advanced National in Computing | CSNewbs

Independent Study Work

1. Go to http://www.ictworkout.co.uk/topics.php and log in using the username KingEdward6 password ratio88. Starting with Computer Systems work through the topics, read through the presentations and complete the exercises.
2. Read an article on https://www.bbc.co.uk/news/technology. Write a short account of what the article is about – technological developments and impact.
3. Watch an episode of BBC click http://www.bbc.co.uk/programmes/b006m9ry for new developments in ICT. Produce a short presentation to showcase the new development to the class.
4. Research into IT jobs that are available; What field of IT? What job requirements? What does the job involve on a day to day basis? What skills and attributes would be desirable in that role?
5. Go to http://www.teach-ict.com/gcse_computing/ocr/GCSE_A451_topics.html, http://www.teach-ict.com/asa2home.htm and/or http://www.teach-ict.com/2016/A_Level_Computing/OCR_H446/OCR_H446_home.html and select a topic. Try out the online activities in each section.
6. Use w3 schools to work through online coding tutorials in html and JavaScript
   a. HTML - http://www.w3schools.com/html/default.asp
   b. JavaScript - http://www.w3schools.com/js/default.asp

7. Sign up to iDEA on https://idea.org.uk/ and complete a selection of challenges to work towards your Bronze Award. Try out the User Experience badges.
8. Sign up to https://www.figma.com/ and try some tutorials: Free Figma Tutorials: Learn Tips & Skills | Figma