

Sixth Form Summer Transition Work

Welcome to Arnewood Sixth! You are about to embark on a busy and important two years of sixth form study.

Sixth form life is very different. You are going to feel much more independent, empowered and responsible for your own learning. The expectation is that this journey is down to you. You need to commit and relish in the challenge of sixth form life; ambition, belief and commitment are essential for your success.

Below is a transition activity designed for you to complete over the late spring into summer in preparation for your chosen course. By completing the task, you will be better prepared for the start of your course. Your A level teachers will check the work in September. Your commitment starts now!

Subject	ICT - Software	
Key Question	Why do we use different types of software for different tasks?	
Resource List	Entry level finding out about topics What is software? Types of software Software applications Applications and programming languages Computer hope software terms Utilities	https://www.ocr.org.uk/Images/570834-guide-to-finding-out-entry-level.pdf https://www.bbc.co.uk/bitesize/guides/zcxgr82/revision/1 https://www.bbc.co.uk/bitesize/guides/z6r86sg/revision/1 https://www.bbc.co.uk/bitesize/guides/z8f82hv/revision/1 https://www.bbc.co.uk/bitesize/guides/zd3cwmn/revision/1 https://www.computerhope.com/jargon/s/software.htm https://www.teach-ict.com/2016/GCSE_Computing/OCR_J276/1_7_system_software/utility_software/miniweb/index.php (username is bh256rs and password is gateway2)

Gore Road, New Milton, Hampshire, BH25 6RS

Telephone: School 01425 625400 **Sixth Form Centre:** 01425 625408

Email: c.salt@arnewood.hants.sch.uk **Website:** www.arnewood.hants.sch.uk/sixth-form

Your Task	<p>There are 3 parts to your Transition task:</p> <p>Task 1: Access and read the 'OCR entry level finding out about topics' document (see first link above).</p> <p>Task 2: You need to know the characteristics and uses for different types of software. Use the links above (note some of them contain several pages) and any other sources to develop your knowledge. Make notes of the characteristics for each of the following types of software:</p> <ul style="list-style-type: none">• Open source• Closed source• Off-the-shelf• Bespoke• Shareware• Freeware• Embedded computers• Productivity software• Development software• Business software• Utility software• Operating system software <p>Task 3: Complete an analysis of different types of software for different tasks. This can be a PowerPoint, a poster, a hand out leaflet; the choice is yours. You must complete your presentation linking characteristics of the different types of software to the following tasks:</p> <ul style="list-style-type: none">• Writing reports for clients• Preparing business accounts• Running anti-virus on a desktop computer• Writing one-off air-traffic control software for a new airport• Downloading a 3-month free trial of creative software• Designing a new electric car• Distributing software under license• Software to control the on/off function in a microwave• Running tasks to make the computer itself work• Sharing operating system software for anyone to update <p>Complete the table below first as it will help you to structure your work.</p>
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Type of Software	Characteristics	Used For
Open source		
Closed source		
Off the shelf		
Bespoke		
Shareware		
Freeware		

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Type of Software	Characteristics	Used For
Embedded		
Productivity software		
Development software		
Business software		
Utility software		
Operating system		

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