



Summer Bridging Unit

This work is to be completed over the summer and handed in to your subject teacher at the end of your third full week in Sixth Form.

Name: Date:

Work to be completed	How this will link to the start of course in September	Progress - <i>teacher use only</i> 1: Above the expected standard of an A Level study 2: The expected standard of A Level study 3: Below the expected standard of A Level study
<p>Task 1: Demonstrating understanding of the course content and how you will be assessed.</p> <p>Read the course syllabus & answer the following questions:</p> <ol style="list-style-type: none"> 1) What are the three components required to achieve the OCR A Level in Computer Science (H446), and what percentage is each worth? 2) What are the main aims of the OCR A Level in Computer Science qualification? 3) What are the three assessment objectives (AOs) in the OCR A Level Computer Science specification? 	<p>Answering these questions will give you an understanding of the how the course is structured and what you will be assessed on.</p>	<p>Above:</p> <p>Below:</p> <p>Meeting:</p>

<p>Task 2: Demonstrating the key skill of programming which is required for this course.</p> <ul style="list-style-type: none"> • Go to the following tutorial website and learn the basics of the C# programming language: <ul style="list-style-type: none"> ○ https://www.w3schools.com/cs/cs_intro.php • You can code the examples in the web browser or through Visual Studio (download instructions are included on the website). • Complete the following sections of the tutorial. At the end of each tutorial there is concept check question for you to answer – please screenshot your answer to each question <ul style="list-style-type: none"> • C# Intro (no question) • C# Get Started (no question) • C# Syntax • C# Output • C# Comments • C# Variables • C# Data Types • C# Type Casting • C# User Input 	<p>Programming is a key skill for H446 OCR A Level Computer Science. It is required in both the exams you will sit at the end of the course and for your NEA (non-examined assessment).</p>	<p>Above:</p> <p>Below:</p> <p>Meeting:</p>
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Additional information

<p>Useful resources to support:</p>	<p>There are many useful websites:</p> <ul style="list-style-type: none"> • https://adacomputerscience.org/ • https://compsciwizard.com/ • https://isaacomputerscience.org/
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Essential equipment for September:	Access to a Windows PC capable of running Microsoft Visual Studio.
Optional: Further ways to demonstrate intellectual curiosity:	Awareness of current events and recent developments in computing is crucial. Read the news from reputable sources (such as the BBC website) and check out any stories connected to computer science.