

Getting Ready For *Information Technology*

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| Your Name | | |
| CAMTEC Information Technology | Skills Required for CAMTEC IT | Summer 2020 |

We are delighted you have chosen to study Information Technology at Haywards Heath College.

Instructions: This pack will help you make the best possible start to studying this subject.

The tasks in this pack:

- should take you **about 4 hours to complete**.
- should be handed into your teacher when teaching starts **from 14th September 2020** with your name on it for assessment.
- are also available on the internet – follow the links in the document.

If you need help: The tasks are designed to get a bit more difficult as you work through them as they are preparing you for studying at a higher level and to become an effective independent learner. You should try to get as far as you can working on your own but if you do need help, please email us at info@haywardsheath.ac.uk telling us which Getting Ready For pack you are working on and what help you need. Help is available throughout the summer holidays.

| Skills Focus for this Getting Ready for Pack | |
|---|---|
| The ability to choose the correct method to solve a problem. Your quality of English communication when a written answer is required. Clarity of logical communication – how well you show your workings and lay out your work. | Marking and correcting your work, revising any topics you have forgotten. GCSE subject knowledge, including: Hardware Software Applications |

| Target Grade | Type of task | Task and subject specific skill reference | Deadline / Evidence |
|---|---------------------|---|--|
| All | Questions | <p><u>Research Questions</u></p> <p>Answer all of the questions. Where you are unsure of the answers, you should use a range of resources to help you and clearly identify where you have researched with sources. You must set out your work neatly.</p> <p>https://tinyurl.com/y5dp7xmy</p> | <p>from 14th September 2020</p> <p>Answers on paper</p> |
| Grade 8 or 9 in GCSE Maths or Computer Science | Research and report | <p><u>Computer Hardware</u></p> <p>You have been tasked with designing the ultimate desktop computer. The machine must be capable of running 3D graphics for the latest games and should consider accessible gaming.</p> <p>Research each of the components that you would choose to have in your machine and produce a 3-page report detailing your findings with comparisons against alternative hardware, and with clear references to all of your sources.</p> | <p>from 14th September 2020</p> <p>Report</p> |
| <p>Notes:</p> <p>Not everyone will have studied GCSE ICT, however you will need to be familiar with the logic terms by the start of the course and many of these will be familiar from KS3. Please indicate clearly on your work at the start whether you studied GCSE ICT or Computer Science.</p> <p>Clearly label all pages with your name and arrange them in the correct order. You do not need to print the question sheets although you may choose to do so for your own records.</p> | | | |