**The Summer Bridging Work MUST be handed in to you subject teacher by Friday 13 September 2019.**

**Your work will be assessed in September by your class teachers.**

**Anyone not completing the work or producing work of poor quality will be re-interviewed regarding their place on the course and in the Sixth Form.**

**The aims are for you to understand if you like the course and for you to be ready to start learning at post-16 level.**

**All work is due in on Friday 13 September 2019.**

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## Things you will need to succeed every day in the Sixth Form:

* Pens
* Highlighters
* A pencil case
* Your own lined paper
* A single-hole punch (available from the school shop for £1)
* A pair of scissors
* Glue

**Things you will need for this course:**

* A lever-arch folder for storing work at home
* 2 ring-binders for work for the current unit
* and assessments
* A Flashdrive

## The books you may want to buy are:

**OCR AS and A Level - Computer Science; PM Heathcote and RSU Heathcote; PG ONLINE**

**ISBN**: 978-1-910523-05-6

# Your Summer Bridging Work Project:

***Guidance***

*Either use tutorials from:* [*w3schools*](http://www.w3schools.com/) *(which is more detailed) or* [*Codecademy*](https://www.codecademy.com/learn/web)*, complete the HTML and CSS learning modules.*

*This will prepare you for JavaScript (which you should learn for the problem solving question paper and the A ‘level project in second year).*

*When you finish the modules, you are to create a website with at least 4 pages using HTML and CSS (some JavaScript is optional but encouraged). The website should be on computing related topics below:*

*Suggested topics in computing for this work: (These are also possible sources for 9 mark questions)*

***TOPIC A: Computing related legislation***

* 1. *The Data Protection act 1998*
  2. *The Computer Misuse Act 1990*
  3. *The Copyright Design and Patents Act 1988*
  4. *The regulation of Investigatory Powers*

***TOPIC B: Ethical, moral, cultural issues and risks of digital technology***

1. *Computers in the workforce*
2. *Automated Decision Making*
3. *Artificial Intelligence*
4. *Environmental effects*
5. *Censorship and the internet*
6. *Monitor behaviour*
7. *Analyse personal information*
8. *Piracy and Offensive communications*

*For both topics try to search and reference the latest news articles and stories for examples..*

*(****Do not cheat*** *by using a web authoring program (e.g. Dreamweaver) to create your website).*

**Staff contact:** Mr P. Magagula – email address (pma@cheney.oxon.sch.uk)

**Exam board:** OCR

**Specification:**  [Please click here for the full specification](http://www.ocr.org.uk/Images/170844-specification-accredited-a-level-gce-computer-science-h446.pdf)