

Computer Science A-level



- Component 1 – Computer systems 2 hour 30 minutes
- Component 2 – Computational thinking 2 hour 30 minutes
- Component 3 – Project



- 2 hours a week with CW
- 3 hours with SJ, 1 hour programming skills building up to the project



Programming task

- Use the following tutorials to teach yourself Python
- <https://www.learnpython.org/>
- Learn all the basic tasks
- Harvard University offers a free course on Python programming:
- <https://tinyurl.com/uw24r8j5>



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day\informationday_programmingpractise

Either use python online or python in the programs
area

- Complete all as many of the tasks that you are able to complete
- Include a screenshot of the code and the solution and put this into the presentation provided.
- Complete the presentation and hand this in for the first lesson

Some
pointers for
you

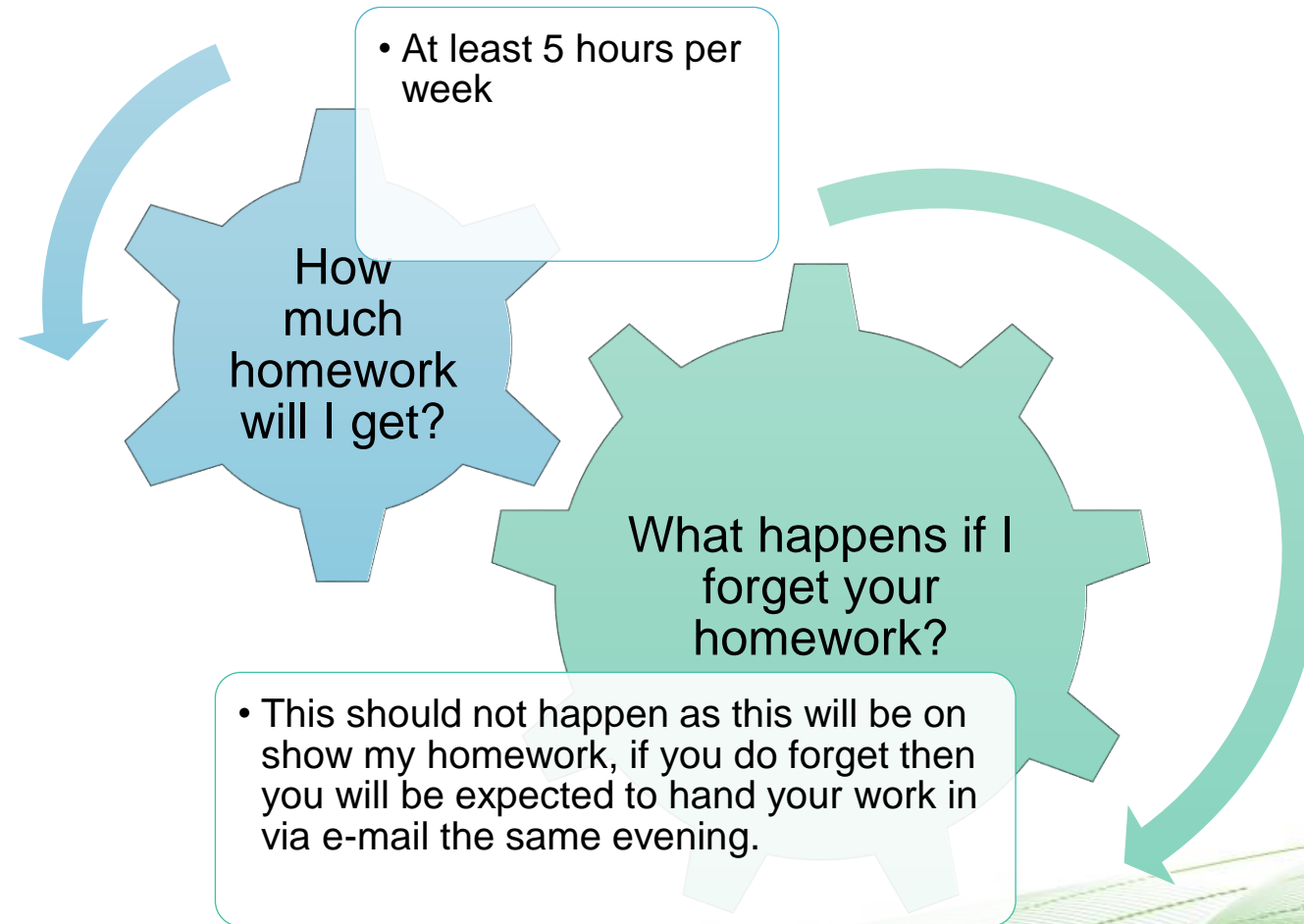
What happens if your ill?

- Speak to your teacher and find out what work you have missed, the teacher will give you notes/chapters from the book for you to read/complete exercises on – this will need to be completed in your own time.

What happens if you have an appointment that is unavoidable?

- see above

Homework



What equipment/books do I need at home?

- You will need access to a computer which has an IDE Installed on it to write/debug Python code.
- You will be given a pg-online book to use
- Access to the internet at home/school is essential



Summer tasks

- 1) Download python
- 2) Learn python and complete the presentation, there will be a copy of this on the Teams group that you have been added to
- 3) Be sure to screenshot the code and the final solution
- 4) Hand in your completed presentation in your first lesson this will either be 2 or 3th September.

5) Watch the videos from this site,

<https://thecrashcourse.com/courses/computerscience>

6) Access your Teams group for Y12 CS as you will see lots of information for the next term on there.

