How should we approach learning at home for Computer Science?

How long should I spend on Computer Science each week?

You should follow the same amount of time as per your timetable – this means 9 hours per fortnight, but you should also provision an appropriate amount of time for independent study too as you would if you were still having contact time in school. A minimum of **15 hours** equivalent across the fortnight would be appropriate.

How should I study?

Most weeks will include lessons via Teams as well as follow up activities. Ensure you spend appropriate time making detailed notes on the weekly topic even if this is not explicitly instructed. You could use the appropriate time allocation for additional textbook reading, wider research, practice exam questions etc. as well as covering the activities set by your teacher.

Please check the home learning page on the website, or the home learning folder on the school network each Monday as new lesson instructions/activities will be set each week, starting from Monday 30th March. These will be updated each weekend during term time.

Where should I be putting my work?

Complete written notes on each topic to be filed in your folder and where possible, print out worksheets / exam questions you have completed on the computer to keep your folders up to date. All weekly written notes need to be uploaded (via screenshot / photo) as work evidence via the Home Learning section on your private class notebook in OneNote.

Marked work will be assigned via Teams and should be turned in via that app.

What topics should I be studying for Computer Science?

It would be recommended to spend most of your independent study time each week (around 3 hours) revising and consolidating the year 1 content already covered. This could include creating simplified summary notes and completing practice questions, testing yourself on key terms and concepts with the help of family members, and making mind maps of the relationships between different topics.

I would also recommend using Hyperskill to practice your Python programming.

The medium term plan is to cover the following topic areas over the coming weeks:

- Data Structures
- The Internet
- NEA

So how do I know that what I'm doing is right? How will I receive feedback?

A selection of the work you do will be marked and graded by your teacher and work evidence that you have uploaded to OneNote will be reviewed and commented on if necessary to address any misconceptions / issues.

For practice exam questions, answers will be shared as well as answers for worksheets / textbook activities which can be self-reviewed to check your understanding is correct.

End of unit tests and practice papers will be provisioned in the future, digitally submitted and marked.