Course information for Parents
Year/Key stage: 3 Subject: Year 7 and 8 Computer Science

Faculty Area	Computer Science	**Learning Leader contact information**	Mr Z. Rathor
Examination Board	National Curriculum	**Specification Code**	KS3 – Digital Strategy

Subject Content:

Year 7: E - Safety, security and ethics, Understanding computers, Data represented in computers, Programming using Python, Digital creativity (Photoshop), Collaborative working project

Year 8: Computing in the wider context, Understanding computers, Data represented in computers, Programming using Small Basic, Spread sheets, Collaborative working project

Additional Equipment Needed

It is recommended that students have a suitable computing device that allows them to develop their classwork outside of lessons, using a range of subject specific programming software. Students will also need a standard calculator for the mathematical aspects of the course.

Assessment Details:

At the end of each topic, students will be given an end of topic test using tools on "Google Classroom".
Then this will be followed by DIRT week, enabling students to reflect on their performance by using "WWW" and "EBI".

To be successful students will need to be able to:

- Develop their skills with e – safety, computer knowledge, and Photoshop and teamwork.
- Does the child need to know case studies/practical examples/practical techniques? Yes
- Apply new knowledge to solve problems
- Watch YouTube tutorials to develop certain skills. E.g. Photoshop.
- Create folders and compile evidence on their user area and on Google Classroom.

What can I do to support my child at home?

To support your child's learning we recommend the following approaches:

- Discuss the news, specifically the latest computer technology developments
- Go through technical computer science terminology, students will have access to the Hazeley Intranet where they will have access to keywords and content
- Review case studies, again the students will have access to the Hazeley Intranet where they will have access to relevant case studies.
- Discuss the topics that have been covered in class
- Ensure homework on "Google Classroom" online is completed
- Ask your child to explain what they have learnt today?
- Choose an article from the BBC about Computer Science and discuss it with your child

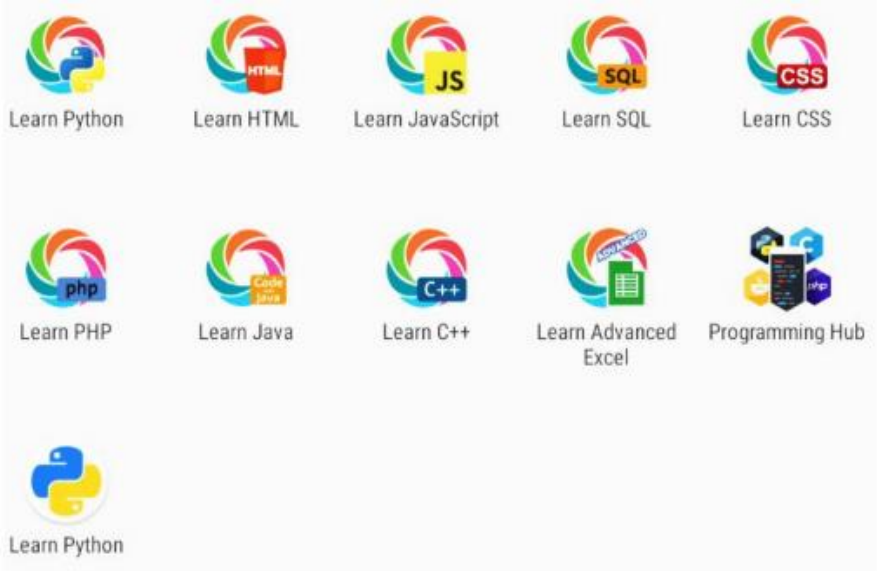
Recommended resources for the course:

Websites:

Please note that students may be required to log in using their school account to access their progress:
- Google Classroom: https://classroom.google.com/
- CodeCademy: https://www.codecademy.com/ Home Study & Independent Learning Parental Support Information
- Khan Academy: https://www.khanacademy.org/
- BBC Bitesize: http://www.bbc.co.uk/education/subjects/z34k7ty
- Teach-ICT: www.teach-ict.com

Books:
We have ensured that there is no requirement to purchase books to support your child with their learning. We have created our own theory website covering all the specification points and more!

Apps:
There are lots of great apps available to support learning outside of the classroom, here are a few that have been tested by staff to encourage wider reading and skill development. These are available through Google Play.



Teaching Staff Contact Details			
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Additional Information:

The students will be able to access Google classroom and the Hazeley Intranet from home. They must use these resources for accessing Computer Science content and to remain informed regarding the current developments at the Hazeley Academy.