

Computer Science Topics

<u>Paper 1 - 1h 30m - 11 May 2020 am</u>	<u>Paper 2 - 1h 30m - 14 May 2020 pm</u>
<p style="text-align: center;">Algorithms Data Representation Computer Systems</p>	<p style="text-align: center;">Data Representation Computer Systems Networks Computer Security Ethics</p>

Discuss with and direct your child to these revision places/tactics

<https://sites.google.com/whickhamschool.org/computer-science-2016/home>

- Includes PowerPoints
- Worksheets
- Revision Slides

Pick questions from and encourage your child to use Exam Questions

Exam Question Paper 1 - Practice (Multiple exam questions linked to pseudocode) + Mark Schemes

Exam Question Paper 2 - Main question issues - WAGOLLS - Mark Schemes

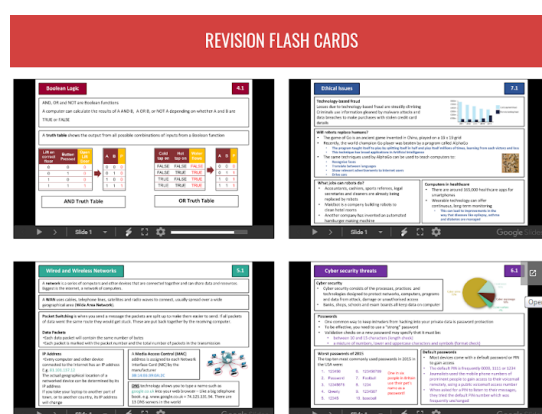
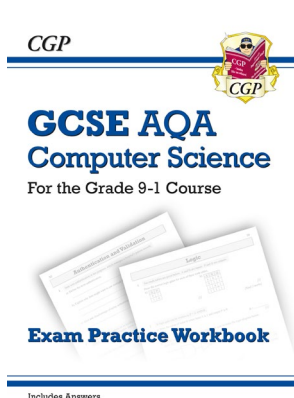
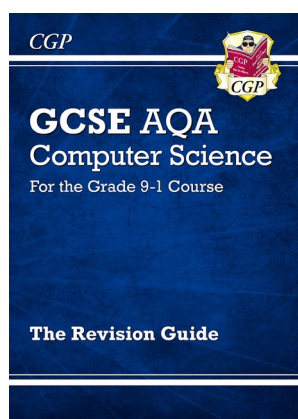
Folder Structure - look through their book and discuss different topics

- Revision sheets - Thought showers - Exam Q's in lesson
- Revision cards - Quiz pupils

Direct your child to Quizizz

<https://quizizz.com/admin/quiz/5aed9ebaf63c26001b3fb97b/aqa-computer-science-giant-quizizz-paper-2>

If able purchase and then discuss topics within the revision books and flash cards



Discuss and test your child's understanding of the keywords within exam questions

State

Give a point

- E.G. ASCII uses 7 bits

Describe

Give instructions on how this works/Has happened

- Data is read from a CD by reflecting a laser off the surface. Depending on the angle the light is reflected will determine if this is a 1 or a 0

Explain

Give a point, this is because

- SSD storage is more robust, because there are no moving parts.

Discuss (Generally 2 or 3 of the examples below per topic)

Give a point, this is because, positive and negative

- SSD storage is more robust, because there are no moving parts, this would benefit a user who wished to have storage which is portable as there is less chance of damage to their device.

Evaluate

Give a point, this is because, positive and negative

- SSD storage is more robust, because there are no moving parts, this would benefit a user who wished to have storage which is portable as there is less chance of damage to their device.

Adding in conclusion based on findings

Develop

- **Generally linked to creating an algorithm for a set task.**