

## Half-term One September – October 2020

### Year 10 – OCR (1-9) Computer Science



Lesson	Instructions	Resources	Curriculum
1	Watch the Craig and Dave videos on YouTube. You must summarise the key points from each, try to use the <a href="#">Cornell note-taking method as shown here.</a>	<p>Vid 1 - The von Neumann architecture  <a href="https://www.youtube.com/watch?v=t8H6-anK0t4&amp;list=PLCiOXwirraUCaPt5zN4xJTlgKvzVYWa_5&amp;pp=QAA%3D">https://www.youtube.com/watch?v=t8H6-anK0t4&amp;list=PLCiOXwirraUCaPt5zN4xJTlgKvzVYWa_5&amp;pp=QAA%3D</a></p> <p>Vid 2 - How common characteristics of CPUs affect their performance  <a href="https://www.youtube.com/watch?v=BYlq8ugedxA&amp;list=PLCiOXwirraUCaPt5zN4xJTlgKvzVYWa_5&amp;index=2">https://www.youtube.com/watch?v=BYlq8ugedxA&amp;list=PLCiOXwirraUCaPt5zN4xJTlgKvzVYWa_5&amp;index=2</a></p> <p>Vid 3 – Embedded systems  <a href="https://www.youtube.com/watch?v=Bsyag_1Pfm0&amp;list=PLCiOXwirraUCaPt5zN4xJTlgKvzVYWa_5&amp;index=3">https://www.youtube.com/watch?v=Bsyag_1Pfm0&amp;list=PLCiOXwirraUCaPt5zN4xJTlgKvzVYWa_5&amp;index=3</a></p>	<p><a href="#">1.1 Systems Architecture</a></p> <p><a href="#">EXAM - Computer systems (01)</a></p>
2	Answer the exam question	<p>Additional revision - <a href="https://www.bbc.co.uk/bitesize/guides/zbfn4j/revision/1">https://www.bbc.co.uk/bitesize/guides/zbfn4j/revision/1</a></p> <p><a href="#">1.1 System Architecture – End of topic test</a></p>	
3	Watch the Craig and Dave videos on YouTube. You must summarise the key points from each, try to use the <a href="#">Cornell note-taking method as shown here.</a>	<p>Vid 1 – RAM and ROM  <a href="https://www.youtube.com/watch?v=tsH7IGcWSLg&amp;list=PLCiOXwirraUAdIM_GGdtBSc3ejRtWHxyQ&amp;index=1">https://www.youtube.com/watch?v=tsH7IGcWSLg&amp;list=PLCiOXwirraUAdIM_GGdtBSc3ejRtWHxyQ&amp;index=1</a></p> <p>Vid 2 - The need for virtual memory  <a href="https://www.youtube.com/watch?v=qr6lPzYW1eY&amp;list=PLCiOXwirraUAdIM_GGdtBSc3ejRtWHxyQ&amp;index=2">https://www.youtube.com/watch?v=qr6lPzYW1eY&amp;list=PLCiOXwirraUAdIM_GGdtBSc3ejRtWHxyQ&amp;index=2</a></p> <p>Vid 3 – Flash Memory  <a href="https://www.youtube.com/watch?v=djPYjHK3JH0&amp;list=PLCiOXwirraUAdIM_GGdtBSc3ejRtWHxyQ&amp;index=3">https://www.youtube.com/watch?v=djPYjHK3JH0&amp;list=PLCiOXwirraUAdIM_GGdtBSc3ejRtWHxyQ&amp;index=3</a></p>	<p><a href="#">1.2 Memory</a></p> <p><a href="#">EXAM - Computer systems (01)</a></p>

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4	Answer the exam question	Additional revision - <a href="https://www.bbc.co.uk/bitesize/guides/zd4r97h/revision/1">https://www.bbc.co.uk/bitesize/guides/zd4r97h/revision/1</a> 1.2- Memory - <a href="#">End of topic test</a>	
5	Watch the Craig and Dave videos on YouTube. You must summarise the key points from each, try to use the <a href="#">Cornell note-taking method as shown here.</a>	Vid 1 - The need for secondary storage <a href="https://www.youtube.com/watch?v=w_0A3EWoIU4&amp;list=PLCiOXwirraUChgyc-hjULmKpPF5tlx5q8">https://www.youtube.com/watch?v=w_0A3EWoIU4&amp;list=PLCiOXwirraUChgyc-hjULmKpPF5tlx5q8</a>  Vid 2 - Data capacity and calculation of data capacity requirements <a href="https://www.youtube.com/watch?v=X7RImULa80c&amp;list=PLCiOXwirraUChgyc-hjULmKpPF5tlx5q8&amp;index=2">https://www.youtube.com/watch?v=X7RImULa80c&amp;list=PLCiOXwirraUChgyc-hjULmKpPF5tlx5q8&amp;index=2</a>  Vid 3 - Common types of storage <a href="https://www.youtube.com/watch?v=0vEv8B8HUq0&amp;list=PLCiOXwirraUChgyc-hjULmKpPF5tlx5q8&amp;index=3">https://www.youtube.com/watch?v=0vEv8B8HUq0&amp;list=PLCiOXwirraUChgyc-hjULmKpPF5tlx5q8&amp;index=3</a>  Vid 4 - Suitable storage devices and storage media for a given application <a href="https://www.youtube.com/watch?v=VwBtjraysnE&amp;list=PLCiOXwirraUChgyc-hjULmKpPF5tlx5q8&amp;index=4">https://www.youtube.com/watch?v=VwBtjraysnE&amp;list=PLCiOXwirraUChgyc-hjULmKpPF5tlx5q8&amp;index=4</a>	<a href="#">1.3 Storage</a>  <a href="#">EXAM - Computer systems (01)</a>
6	Answer the exam question	Additional revision - <a href="https://www.bbc.co.uk/bitesize/guides/z67j2nb/revision/1">https://www.bbc.co.uk/bitesize/guides/z67j2nb/revision/1</a> 1.3 - Storage - <a href="#">End of topic test</a>	

Please email any queries and completed work to **Mr Hall**

[Joshua.Hall@monkseaton.org.uk](mailto:Joshua.Hall@monkseaton.org.uk)

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