

# YEAR 9 – COMPUTER SCIENCE

TERM 2 - WEEK 42 (13<sup>th</sup> June to 17<sup>th</sup> June)

## COMPUTER SCIENCE - THEORY

<b>Class/ Division</b>	Year 9 A-F
<b>Work sent to the students via</b>	Google Classroom
<b>Total number of lessons per week</b>	2
<b>Lesson 1</b>	<b>Chapter 17 - Hardware (continuation) (Zoom session)</b>
<b>Learning objective</b>	To be able to understand the <ul style="list-style-type: none"><li>❖ Function of the hardware components of a computer system and how they work together.</li><li>❖ Function of different types of main memory(RAM, ROM, cache, virtual memory)</li></ul>
<b>Resources</b>	Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation  Resource video links: <a href="https://www.youtube.com/watch?v=VPve5_XYyig">https://www.youtube.com/watch?v=VPve5_XYyig</a> <a href="https://www.youtube.com/watch?v=Z5JC9Ve1sfl">https://www.youtube.com/watch?v=Z5JC9Ve1sfl</a> <a href="https://www.youtube.com/watch?v=QUVEtwcTe0w">https://www.youtube.com/watch?v=QUVEtwcTe0w</a>
<b>Lesson 2</b>	<b>Chapter 17 - Hardware (Google Classroom)</b>
<b>Learning objective</b>	To be able to understand the <ul style="list-style-type: none"><li>❖ Function of the hardware components of a computer system and how they work together.</li><li>❖ Function of different types of main memory(RAM, ROM, cache, virtual memory)</li></ul>
<b>Resources</b>	Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation.  Resource video links: <a href="https://www.youtube.com/watch?v=VPve5_XYyig">https://www.youtube.com/watch?v=VPve5_XYyig</a> <a href="https://www.youtube.com/watch?v=Z5JC9Ve1sfl">https://www.youtube.com/watch?v=Z5JC9Ve1sfl</a> <a href="https://www.youtube.com/watch?v=QUVEtwcTe0w">https://www.youtube.com/watch?v=QUVEtwcTe0w</a>
<b>Task</b>	Activity questions will be posted in Google Classroom

TERM 2 - WEEK 42 (13<sup>th</sup> June to 17<sup>th</sup> June)

COMPUTER SCIENCE - PRACTICAL

<b>Class/ Division</b>	Year 9 A-F
<b>Work sent to the students via</b>	Google Classroom
<b>Total number of lessons per week</b>	2
<b>Lesson 1</b>	<b>Chapter 8: Data Structure (continuation)</b> <b>(Zoom session)</b>
<b>Learning objective</b>	To be able to <ul style="list-style-type: none"><li>• Describe the structure of one dimensional arrays and give examples of their use.</li><li>• Create and use lists in Python programming language.</li></ul>
<b>Resources</b>	Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation.  Resource video links: <ul style="list-style-type: none"><li>• <a href="https://www.youtube.com/watch?v=IFzHFUvGL7I">https://www.youtube.com/watch?v=IFzHFUvGL7I</a></li><li>• <a href="https://www.youtube.com/watch?v=Eaz5e6M8tL4">https://www.youtube.com/watch?v=Eaz5e6M8tL4</a></li><li>• <a href="https://www.youtube.com/watch?v=9OeznAkyQz4">https://www.youtube.com/watch?v=9OeznAkyQz4</a></li></ul>
<b>Lesson 2</b>	<b>Chapter 8: Data Structure</b> <b>(Zoom session)</b>
<b>Learning objective</b>	To be able to <ul style="list-style-type: none"><li>• Describe the structure of one dimensional arrays and give examples of their use.</li><li>• Create and use lists in Python programming language.</li></ul>
<b>Resources</b>	Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation.  Resource video links: <ul style="list-style-type: none"><li>• <a href="https://www.youtube.com/watch?v=IFzHFUvGL7I">https://www.youtube.com/watch?v=IFzHFUvGL7I</a></li><li>• <a href="https://www.youtube.com/watch?v=Eaz5e6M8tL4">https://www.youtube.com/watch?v=Eaz5e6M8tL4</a></li><li>• <a href="https://www.youtube.com/watch?v=9OeznAkyQz4">https://www.youtube.com/watch?v=9OeznAkyQz4</a></li></ul>
<b>Task</b>	Activity questions will be posted in Google Classroom