

# YEAR 9 – COMPUTER SCIENCE

## WEEK 2 (6<sup>th</sup> Sept to 10<sup>th</sup> Sept) – 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 1 : Understanding Algorithms (Zoom live session)</b>
<b>Learning objectives</b>	To be able to understand <ul style="list-style-type: none"><li>• What an algorithm is</li><li>• What algorithms are used for</li></ul>
<b>Resources</b>	<a href="https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-computer-science-2017.resources.html?filterQuery=category:Pearson-UK:Publisher%2FPearson">https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-computer-science-2017.resources.html?filterQuery=category:Pearson-UK:Publisher%2FPearson</a> PowerPoint presentation  Resource video links: <a href="https://www.youtube.com/watch?v=kM9ASKAni_s">https://www.youtube.com/watch?v=kM9ASKAni_s</a> <a href="https://www.youtube.com/watch?v=rjDwaxyWzX8">https://www.youtube.com/watch?v=rjDwaxyWzX8</a>
<b>Lesson 2</b>	<b>Chapter 1 : Understanding Algorithms (Google classroom session)</b>
<b>Learning objectives</b>	To be able to understand <ul style="list-style-type: none"><li>• What an algorithm is</li><li>• What algorithms are used for</li></ul>
<b>Resources</b>	<a href="https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-computer-science-2017.resources.html?filterQuery=category:Pearson-UK:Publisher%2FPearson">https://qualifications.pearson.com/en/qualifications/edexcel-international-gcses-and-edexcel-certificates/international-gcse-computer-science-2017.resources.html?filterQuery=category:Pearson-UK:Publisher%2FPearson</a> PowerPoint presentation
<b>Task</b>	Activity questions will be posted in Google classroom

**WEEK 2 (6<sup>th</sup> Sept to 10<sup>th</sup> Sept) – 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>Learning objectives</b>  <b>Resources</b>	<b>Python Programming (Zoom live session)</b>  To be able to understand <ul style="list-style-type: none"> <li>• Python identifiers</li> <li>• Python keywords</li> <li>• Variables and Constants</li> <li>• Comments</li> <li>• operators</li> </ul> PowerPoint presentation Resource video links: <a href="https://www.youtube.com/watch?v=UvcQIPZ8ecA">https://www.youtube.com/watch?v=UvcQIPZ8ecA</a>
<b>Lesson 2</b>  <b>Learning objectives</b>  <b>Resources</b>  <b>Task</b>	<b>Python Programming (Zoom live session)</b>  To be able to understand <ul style="list-style-type: none"> <li>• Python Identifiers</li> <li>• Python keywords</li> <li>• variables and constants</li> <li>• Comments</li> <li>• operators</li> </ul> PowerPoint presentation Resource video links: <a href="https://www.youtube.com/watch?v=TqPzwenhMj0&amp;list=RDCMUC59K-uG2A5ogwIrHw4bmlEg&amp;index=1">https://www.youtube.com/watch?v=TqPzwenhMj0&amp;list=RDCMUC59K-uG2A5ogwIrHw4bmlEg&amp;index=1</a> <a href="https://www.youtube.com/watch?v=v5MR5JnKcZI">https://www.youtube.com/watch?v=v5MR5JnKcZI</a>  Activity questions will be posted in Google Classroom