

YEAR 9 – COMPUTER SCIENCE

TERM 2 - WEEK 8 (21st March to 25th March)

COMPUTER SCIENCE - THEORY

Class/ Division	Year 9 A-F
Work sent to the students via	Google Classroom
Total number of lessons per week	2
Lesson 1	Chapter 21 : Networks (Zoom live session)
Learning objective	To be able to understand <ul style="list-style-type: none">• Wired and wireless connectivity• Network data speeds are measured in bits per second (Mbps, Gbps)• Calculating the time needed to transmit a file
Resources	Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation Resource video links: <ul style="list-style-type: none">• https://www.youtube.com/watch?v=3Bh4PcO2YJE• https://www.youtube.com/watch?v=Z7J8YuWjpeA
Lesson 2	Chapter 21 : Networks (Google Classroom)
Learning objective	To be able to understand <ul style="list-style-type: none">• Wired and wireless connectivity• Network data speeds are measured in bits per second (Mbps, Gbps)• Calculating the time needed to transmit a file
Resources	Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation Resource video links: <ul style="list-style-type: none">• https://www.youtube.com/watch?v=3Bh4PcO2YJE• https://www.youtube.com/watch?v=Z7J8YuWjpeA
Task	Activity questions will be posted in Google classroom

TERM 2 - WEEK 8 (21st March to 25th March)

COMPUTER SCIENCE - PRACTICAL

Class/ Division	Year 9 A-F
Work sent to the students via	Google Classroom
Total number of lessons per week	2
<p>Lesson 1</p> <p>Learning objective</p> <p>Resources</p>	<p>Chapter 21 : Networks (Zoom live session)</p> <p>To be able to understand the role and need for</p> <ul style="list-style-type: none"> • Email protocols - SMTP , POP3, IMAP • Network protocols – Ethernet, Wi-Fi, TCP, TCP/IP, HTTP, HTTPS, FTP <p>Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation</p> <p>Resource video links:</p> <ul style="list-style-type: none"> • https://www.youtube.com/watch?v=PJo5yOtu7o8 • https://www.youtube.com/watch?v=SBaARws0hy4 • https://www.youtube.com/watch?v=IKFVRoCH0fg
<p>Lesson 2</p> <p>Learning objective</p> <p>Resources</p> <p>Task</p>	<p>Chapter 21 : Networks (Zoom live session)</p> <p>To be able to understand the role and need for</p> <ul style="list-style-type: none"> • Email protocols - SMTP , POP3, IMAP • Network protocols – Ethernet, Wi-Fi, TCP, TCP/IP, HTTP, HTTPS, FTP <p>Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation</p> <p>Resource video links:</p> <ul style="list-style-type: none"> • https://www.youtube.com/watch?v=PJo5yOtu7o8 • https://www.youtube.com/watch?v=SBaARws0hy4 • https://www.youtube.com/watch?v=IKFVRoCH0fg <p>Activity questions will be posted in Google Classroom</p>