

YEAR 10(G and H) – ICT

WEEK 2 (29th March to 2nd April) – ICT Theory

Class/ Division	Year 10(G and H)
Work sent to the students via	Group email
Total number of lessons per week	2
Lesson 1	Chapter 4 – Digital communication
Learning Objectives	To be able to understand the types of wireless communication – <ul style="list-style-type: none">• Wi-Fi,• Bluetooth,• GPS,• 3G, 4G,• infra-red(IR),• near-field communication (NFC)
Resources	Pearson Edexcel International GCSE(9-1)ICT text book – pgs. 75,76 and PowerPoint presentation
Task	Do research to compare different revisions of Wi-Fi and write how the speed and range differ in each standards of Wireless communication in the notebook.
Lesson 2	Chapter 4 – Digital communication (continuation)
Learning Objectives	To be able to understand the <ul style="list-style-type: none">• Benefits and drawbacks of wired and wireless communication in Local networks.• Features of broadband, mobile broadband and cellular networks
Resources	Pearson Edexcel International GCSE(9-1)ICT text book – pgs. 77,78 and PowerPoint presentation
Task	Complete the worksheet and answer the text book questions in the notebook

WEEK 2 (29th March to 2nd April) – ICT Practical

Class/ Division	Year 10(G and H)
Work sent to the students via	Group email
Total number of lessons per week	2
<p>Lesson 1</p> <p>Learning Objective</p> <p>Resource</p> <p>Task</p>	<p>Spreadsheet - Microsoft Excel</p> <p>To be able to</p> <ul style="list-style-type: none"> • use formulae arithmetic operators (plus, minus, multiply, divide), percentage, single operators, multiple operators, absolute and relative cell referencing, named cells/ranges <p>Replicate effectively</p> <p>Pearson Edexcel International GCSE(9-1) ICT text book – pgs. 276 – 289 Practical workbook</p> <p>Activity questions and corresponding data files will be sent through group email</p>
<p>Lesson 2</p> <p>Learning Objective</p> <p>Resources</p> <p>Task</p>	<p>Spreadsheet – Microsoft excel</p> <p>To be able to</p> <ul style="list-style-type: none"> • apply functions SUM, AVERAGE, IF, MAXIMUM, MINIMUM, COUNT, COUNTA. <p>Pearson Edexcel International GCSE(9-1) ICT text book – pgs. 276 – 289 Year 9/10 ICT Practical Workbook</p> <p>Activity questions and corresponding data files will be sent through group email</p>