

YEAR 9 – COMPUTER SCIENCE

TERM 2 - WEEK 43 (20th June to 24th June)

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 17 - Hardware (Zoom session)
Learning objective	To be able to understand the <ul style="list-style-type: none">❖ Components of the CPU – Control Unit, ALU, Registers and buses.❖ Concepts of a stored program and the role of components of the CPU – in the fetch-decode-execute cycle(the von Neumann model)
Resources	Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation Resource video links: https://www.youtube.com/watch?v=VPve5_XYyig https://www.youtube.com/watch?v=Z5JC9Ve1sfl https://www.youtube.com/watch?v=QUVEtwcTe0w
Lesson 2	Chapter 17 - Hardware (Google Classroom)
Learning objective	To be able to understand the <ul style="list-style-type: none">❖ Components of the CPU – Control Unit, ALU, Registers and buses❖ Concepts of a stored program and the role of components of the CPU – in the fetch-decode-execute cycle(the von Neumann model)
Resources	Pearson Edexcel International GCSE(9-1) Computer Science Book PowerPoint presentation Resource video links: https://www.youtube.com/watch?v=VPve5_XYyig https://www.youtube.com/watch?v=Z5JC9Ve1sfl https://www.youtube.com/watch?v=QUVEtwcTe0w
Task	Activity questions will be posted in Google Classroom

TERM 2 - WEEK 43 (20th June to 24th June)

COMPUTER SCIENCE - PRACTICAL

Class/ Division	Year 9 A-F
Work sent to the students via	Google Classroom
Total number of lessons per week	2
Lesson 1	Python Programming (Zoom session)
Learning objective	To be able to <ul style="list-style-type: none">• Implement bubble sort algorithm in the Python programming language.• apply ord() and char() functions in Python programming
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=IFzHFUvGL7I• https://www.youtube.com/watch?v=NfwArODGWHE
Lesson 2	Python Programming (Zoom session)
Learning objective	To be able to <ul style="list-style-type: none">• Implement bubble sort algorithm in the Python programming language.• apply ord() and char() functions in Python programming
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=IFzHFUvGL7I• https://www.youtube.com/watch?v=NfwArODGWHE
Task	Activity questions will be posted in Google Classroom