YEAR 9 – COMPUTER SCIENCE

WEEK 4 (20th Sept to 24th Sept) – 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 **Learning objectives** **Resources**	**Chapter 1 : Understanding Algorithms (Zoom live session)** To be able to • interpret algorithms as flowchart • amend/create algorithms and flowchart • determine the output of algorithm for a given set of data 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 PowerPoint presentation **Resource video links:** https://www.youtube.com/watch?v=SWRDqTx8d4k https://www.youtube.com/watch?v=BQP2doXjVlQ https://www.youtube.com/watch?v=BVyuZ7icw6M
Lesson 2 **Learning objectives** **Resources** **Task**	**Chapter 1 : Understanding Algorithms (Google classroom session)** To be able to • interpret algorithms as flowchart • amend/create algorithms and flowchart • determine the output of algorithm for a given set of data 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 PowerPoint presentation Activity questions will be posted in Google classroom

WEEK 4 (20th Sept to 24th Sept) – 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 **Learning objectives** **Resources**	**Python Programming (Zoom live session)** To be able to • understand the benefit of producing programs that are easy to read • understand descriptive names, comments, indentation, and operators. PowerPoint presentation **Resource video links:** https://www.youtube.com/watch?v=-wDaVLkKOiU https://www.youtube.com/watch?v=v5MR5JnKcZI&t=2s https://www.youtube.com/watch?v=0-hzxfkpHy8&t=37s
Lesson 2 **Learning objectives** **Resources** **Task**	**Python Programming (Zoom live session)** To be able to • understand the benefit of producing programs that are easy to read • understand descriptive names, comments, indentation, and operators. PowerPoint presentation **Resource video links:** https://www.youtube.com/watch?v=-wDaVLkKOiU https://www.youtube.com/watch?v=v5MR5JnKcZI&t=2s https://www.youtube.com/watch?v=0-hzxfkpHy8&t=37s Activity questions will be posted in Google Classroom