Corby Business Academy



Year 10 - Computer Science - Term 6 - Curriculum Overview

Week	Learning	Activities
Week 1 beginni ng 1 st June	Introduction to network security Students will need to learn what network security is and why it is important.	Activity 1 – online lesson Students will complete a workbook using information provided on a lesson found here: www.teach- ict.com/2016/GCSE Computing/OCR J276/1 6 network security/intro network security/student home.html They will then submit the workbook on teams. Activity 2 – keywords Students will need to match keywords up to definitions from the previous lesson then add these words to a keyword bank in their online notebooks. Activity 3 – Review An assignment will be set on www.seneca.com to help students revise this topic and to be assessed on what they have learnt.
Week 2 beginni ng 8 th June	Network threats Students will learn about the following network threats: Malware Social engineering Phishing Brute force Denial of service Data interception SQL injection Poor network policy	Activity 1 – online lesson Students will complete a workbook using information provided on a lesson found here: http://www.teach- ict.com/2016/GCSE Computing/OCR J276/1 6 network securi ty/network threats/student home.html They will then submit the workbook on teams. Activity 2 – keywords Students will need to match keywords up to definitions from the previous lesson then add these words to a keyword bank in their online notebooks. Activity 3 – Review An assignment will be set on www.seneca.com to help students revise this topic and to be assessed on what they have learnt.
Week 3 beginni ng 15 th June	Malware Students will learn about the following types of malware: • Malware • Viruses • Worms • Browser malware	Activity 1 – online lesson Students will complete a workbook using information provided on a lesson found here: http://www.teach- ict.com/2016/GCSE Computing/OCR J276/1 6 network securi ty/malware/home malware.html They will then submit the workbook on teams. Activity 2 – keywords Students will need to match keywords up to definitions from the previous lesson then add these words to a keyword bank in their online notebooks.

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