Subject: ICT

2 Week Independent Learning plan

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Teacher: NJ/DJ/HW/SP

Year: 9 Topic/theme: Practice exam questions

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| Lesson | What you need to take from this lesson | Resource to use or hyperlink | Suggested task |
| 1 | Give **two** reasons why digital systems are attacked  Explain **one** other bene\_ t of using anti-virus software.  Identify **two** methods that will restrict physical access to unauthorised users.  Explain how she could make the password stronger. | OPEN Yr 9 Homework Practice | Answer questions 1a, 1b, 1c, 1d |
| 2 | Explain **two** benefits to the cinema of regularly changing their passwords.  Give **two** data protection principles that apply to the collection of data.  Explain what the employee should do to reduce the threat of a malware attack on the retailer’s digital systems. | OPEN Yr 9 Homework Practice | Answer questions 1e, 2a, 2b |
| 3 | Annotate the web page to explain how **two** different features of the website help to aid accessibility.  Explain **two** benefits to the retailer of having an acceptable software policy.  Explain **one** way that data encryption increases the security of data  Explain **two** ways that cloud computing can support collaborative  working. | OPEN Yr 9 Homework Practice | Answer 2c, 2d, 3a, 3b |
| 4 | Explain **two** benefits to the business of using penetration testing.  Discuss the changes the company could make to improve this policy.  Explain **one** benefit to the retailer of using cookies.  Describe how the retailer could use location-based information to provide tailored services to its website customers.  Discuss the impact of a security breach on the business. | OPEN Yr 9 Homework Practice | Answer 3c, 4a, 4b |
| 5 | Evaluate the impact of each method on digital security. Which method would have the greatest impact? | OPEN Yr 9 Homework Practice | Answer 3d, |