East Renfrewshire Council: Education Department
Practitioner Moderation Template

East Renfrewshire

Prior to the moderation exercise, please complete the following information and submit it to your facilitator with assessment evidence from one learner that you judge to have successfully attained the Es' and Os'.

Experiences and Outcomes:

I can explore the impact of cyber-crime for business and industry and the consequences this can have on me. **TCH 4-03a**

I can select and use appropriate hardware and software which supports evolving business activities. **TCH 4-08a**

Learning Intentions:

To become aware of the threat of computer viruses

To increase confidence in using MS Publisher

Success Criteria:

I can describe the impact that 3 well known viruses can have on a computer
I can confidently use desktop publishing software to produce a tri-fold leaflet

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Briefly outline the context and range of quality learning experiences that have been provided making reference to the chosen design principles.

Context
Pupils in S2 study a unit on computer viruses and how to keep themselves and their systems safe. The task involves pupils creating an MS publisher tri-fold leaflet on research that they have conducted into at least three well known computer viruses

Challenge
Pupils initially do their research, collate it into various stories either on paper or in their jotters and then select bits they want to include in their leaflet.

Differentiation
Pupils are supported by teacher led support and peer support. Pupils have the freedom to be as creative as they wish in their designs. More capable pupils are encouraged to use more features within MS Publisher.

<u>Enjoyment</u>
Pupils enjoyed the task as they were able to relate their learning to precautions they have taken at home on their PCs.

Record the range of assessment evidence that was gathered to meet the success criteria (Say, Write, Make, and Do) considering breadth, challenge and application.

Say -
- Pupils were able to tell me verbally about a number of viruses - dates/impact/details of what happened
- Peer feedback throughout

Write -
- Record the impact of at least 3 well known computer viruses

Make -
- Create a tri-fold leaflet using MS Publisher

Briefly outline the oral/written feedback given to the pupil on progress and next steps, referring to the learning intention and success criteria.

"You have used a variety of fonts and styles"
"You have included ways of protecting your computer"
"You could have included what you will do next at home to protect your PC Kyle"

Pupil Voice:
What have you learned? How did you learn? What skills have you developed?

"I liked using MS Publisher although printing the leaflets is a pain as you have to remember to turn it upside down"

"I feel a bit more confident using MS Publisher than I did before"

"I think I have a greater awareness of some of the threats online that I face"

Did the learner successfully attain the outcomes? **YES**/NO

The Blaster Worm

The Blaster worm launched a denial of service attack against Microsoft's website in 2003, and infected millions of computers around the world by exploiting a security hole in Microsoft's software. Its author has never been found.

ILOVEYOU

It is a computer worm.
Originating in the Philippines.
May 5, 2000.
Sent by Email.
Replaced all photos with its self.

You have included wordart and images - well done!
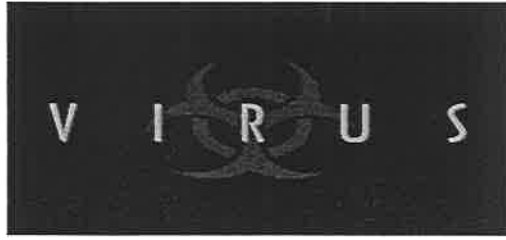
Virus Information

The Morris worm

In 1998 Robert Morris, a university student, unleashed a worm which affected 10 per cent of all the computers connected to the internet (at the time the net was estimated to consist of 60,000 computers), slowing them down to a halt. Morris is now an associate professor at MIT.

Storm worm ← *varied fonts and styles*

The Storm worm, originally posing as breaking news of bad weather hitting Europe, infected computers around the world in 2007. Millions of infected PCs were taken over by hackers and used to spread spam and steal identities.

CIH

The CIH triggers on April 26 each year, the anniversary of the Chernobyl nuclear disaster. It overwrites a chip inside PCs effectively paralysing the entire computer. Its author, Chen Ing Hau, was caught by the authorities in Taiwan.

↑ *Ways of protecting your PC*

You could have included what you will do next at home to protect your PC Kyle!