

COMPUTING

How does Scratch Programming improve my knowledge of programming sequencing?

- To know how to create lives for Pacman and code it to lose lives if it touches a ghost/enemy
- To know how to create and code the score for the game
- To know how to create a ghost/enemy sprite and code it to move automatically
- To know how to create the Pacman sprite and basic code to make the character move
- To know how to create a Pacman environment in scratch programming

Project - Create a Pacman game in Scratch Programming

How can sequence and selection help me structure Python Programming?

- To know how to use selection in Python Programming
- How to use inputs/outputs in Python Programming
- To know what a variable is and how to use it with a function in Python Programming
- To know how to use functions in Python Programming

How does Computational thinking allow me to develop skills in breaking down computer-based problems and find a solution

- I know how to use computational thinking to create a story board for a game
- I know how to use the four stages of computational thinking to sequence a game in Scratch programming
- I know how to use the four stages of computational thinking to break down a scenario for a scratch game
- I know the four stages of computational thinking

How does Photoshop enhance my digital literacy skills?

- I know how to add images and text in photoshop to create an advert/poster for my project on E-safety
- I know how to use layers and sharpening in photoshop to enhance my advert/poster for my project on E-safety
- I know how to add images and text in photoshop to create an advert/poster for my project on E-safety
- I know how to use desktop applications in Adobe Photoshop

Project - Create an advert/poster in photoshop on E-safety

How do we build the skills to stay safe online through E-safety?

- To know how to prevent cyber bullying and know how to stop it for you and those around you is
- To know the advantages and disadvantages of social media
- To know how to keep personal information safe online
- To know what a chat rooms is and how to stay safe on chat rooms

How do we develop sequence skills through developing a comic strip?

- I know how to add balloons to my comic strip project on E-safety
- I know how to add advanced features to enhance my comic strip project on E-safety
- I know how to add images and text to my comic strip project on E-safety
- I know how to add backgrounds and fonts to my comic strip project on E-safety
- I know how to use comic life toolbar and templates

Project - Create a comic strip on E-safety