St Peter's Roman Catholic Primary School

Computing Year 5 Summer

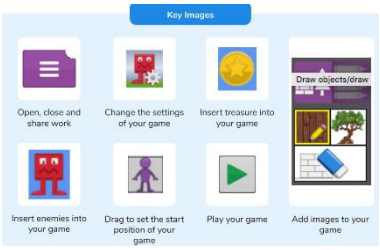
Computer Science: Game Creator

At the end of this topic, children will know…

- The features of 2DIY3D in order to plan a game with three different levels.
- How to design and create the game environment.
- How to design and create the game quest.
- How to finish and share the game.
- How to self and peer evaluate.

Resources on Purple Mash –





Key Questions

What is the 2DIY3D tool on Purple Mash?
2DIY 3D allows users to create a playing area, such as a maze, in 2D and then turn it into a 3D computer game. The aim is to avoid the 'baddies' and collect 'treasure'.
What makes a good computer game?
A good game designer gives the player continuous challenges in a visually stimulating environment, each of which leads to another challenge, to keep the game challenging and fun.

KEY VOCABULARY

Playability	A measure of either the ease by which a video game may be played, or of the overall quality of its gameplay.
Perspective	Representing three dimensional objects on a two-dimensional surface to give the right impression of their height, width, depth, and position in relation to each other.
Texture	High frequency detail or colour information on a computer-generated graphic.
Image	In this case, a picture displayed on the computer screen.
Computer game	A game played using a computer, typically a video game.
Customise	Modify (something) to suit an individual or task.

