Computing	Unit 5.5 – Game Creator	Year 5

Key Learning

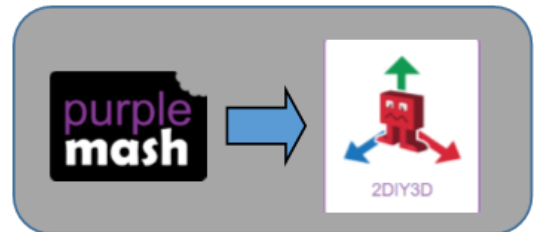| |
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| To set the scene. |
| To create the game environment. |
| To create the game quest. |
| To finish and share the game. |
| To evaluate their and peers' games. |

Key Images

Open the main menu	
Change the settings of your game	
Add images to your game	
Insert treasure into you game	
Insert enemies into your game	
Drag to set the start position of your game	
Play your game	

Key Vocabulary

Animation	Creating an illusion of movement.
Computer game	A game played using a computer, typically a video game.
Customise	Modify (something) to suit an individual or task.
Evaluation	The making of a judgement about the value of something.
Image	In this case, a picture displayed on the computer screen.
Instructions	Detailed information about how something should be done or operated
Interactive	Responding to a user's input on a computer or device.
Screenshot	An image of the data displayed on the screen of a computer or mobile device.
Texture	High frequency detail or colour information on a computer-generated graphic.
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.
Playability	A measure of either the ease by which a video game may be played, or of the overall quality of its gameplay.

Key Resources

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.
Why is it important to continually evaluate your game?	Evaluating your game as you make it allows you to think about ways in which it can be improved. Evaluation may also involve the views of other people who play your game.

PURPLE MASH COMPUTING SCHEME OF WORK