St George's Central CE Primary School and Nursery

Computing Y5/6 – Computing – Are you the next Minecraft Creator?

What will we learn:

- To plan, design and create the game environment. - To design and create the game quest.	- To finish and share the game. - To self and peer evaluate.

Prior Learning

In Y3/4 I learnt:

- To discuss what makes a good animated film or cartoon.
- To learn how animations are created by hand.
- To find out how animation can be created in a similar way using the computer.
- To add backgrounds and sounds to animations.
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**Future Learning in Year KS3**

Design, use and evaluate computational abstractions that model the state and behaviour of real-world problems

Undertake creative projects that involve selecting, using, and combining multiple applications, preferably across a range of devices, to achieve challenging goals, including collecting and analysing data and meeting the needs of known users

Vocabulary

computer	Creating an illusion of movement.
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 threedimensional 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.

Resources that are going to help me achieve my learning.
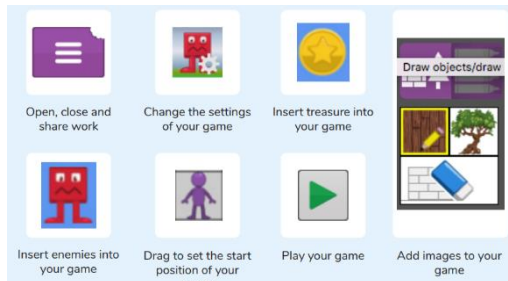
What makes a good computer game?

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.

'Never settle for less than your best'

Jesus said, 'I am the light of the world. Whoever follows Me will not walk in darkness, but will have the light of life.' John 8:12