

St George's Central CE Primary School and Nursery

Year 1/2 - Computing – Are you the Codebreaker?

What will we learn:

- To understand what coding means.
- To use design mode to set up a scene.
- To add characters.
- To use code blocks to make the character perform actions.
- To use collision detection.
- To save and share work.

Prior Learning

In Reception I learnt how to:

- Log in with adult support with a simple username and password.
- Open an app to complete a task
- Log out safely

Future Learning in Year 3/4

To design an algorithm using a flowchart

To use the if command in an algorithm

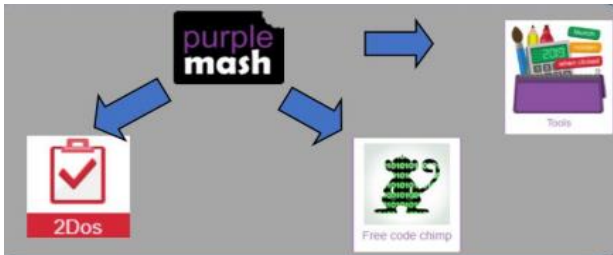
To understand how to use variables in a code.

To know the difference between timers and repeated commands.

Vocabulary

Action	Types of commands, which are run on an object. They could be used to move an object or change a property
Code Block	A group of commands that are joined together and are run when a specific condition is met or when an event occurs.
Code Design	Design what your program will look like and what it will do.
Command	A single instruction in a computer program.
Collision Detection	Detecting when two characters on the screen touch.
Scale	The size of an object in 2Code
When Clicked	An event command. It makes code run when you click on something (or press your finger on a touchscreen).
When Key	An event command. It makes code run when you press the specified key on the keyboard.
Input	Information going into the computer. Can include moving or clicking the mouse, using the keyboard, swiping and tilting the device

Resources that are going to help me achieve my learning.



Fun Facts:

- A code is writing instructions in a way that a computer can interpret them to make a program.
- You need a design to get a clear idea of what you want your program to do. You can use the design to decide which objects you need to add, what to call them and what actions they should perform.
- Coding helps you in many different jobs and some of the jobs you may do in the future have not even been invented yet.
- Coding helps you with your problem solving skills

'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

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