

Y2 Computing N2K – Programming B - Quizzes

Summer 1

Concepts

Information Technology

Use technology purposefully to create, organise, store, manipulate and retrieve digital content.

Computer Science

Understand what algorithms are, how they are implemented as programmes on digital devices and that programmes executes by following precise instructions. Design, write and debug programmes to accomplish specific goals.

Key Skills

- identify the start of a sequence
- show how to run my program
- change the outcome of a sequence of commands
- build the sequences of blocks
- decide which blocks to use to meet the design
- work out the actions of a sprite in an algorithm

Enquiry Questions

What is a command?

What is an outcome?

How do you design your own program?



Key Vocabulary

Algorithm- A precise set of ordered steps that can be followed by a human or a computer to achieve a task.

Code - The commands that a computer can run.

Command - A single instruction that can be used in a program to control a computer.

Debugging - The process of finding and correcting errors in a program.

Program - A set of ordered commands that can be run by a computer to complete a task.

Run (execute) - To action the commands in a program.