St Peter's Roman Catholic Primary School

Computing Year 1 Autumn

Computer Science: Lego Builders

At the end of this topic, children will know…

- What an algorithm is.
- The effects of strictly sticking to instructions and completing tasks without complete instructions.
- How to follow and create simple instructions on the computer. (See resources below)

Resources on Purple Mash -


Bird Activity


Paint Projects


The Wrong Sandwich

Key Questions
What is an instruction?
An instruction takes you through something step by step so that you can successfully complete a task.
Why do we need to debug code?
When you write code, it won't always work correctly first time. When you search for the errors and correct them, this is known as debugging.

KEY VOCABULARY

Algorithm	A precise, step-by-step set of instructions used to solve a problem or achieve an objective
Code	Instructions that a programmer enters into a computer that cause the computer to perform a certain way.
Computer	An electronic device for storing and processing data.
Debugging	To find and remove errors from computer hardware or software.
Instructions	Detailed information about how something should be done or operated.
Program	An algorithm that has been coded into something that can be run by a machine, e.g., a computer or a robot.

