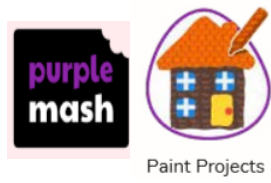# Computing Knowledge Organiser: Year 1 – Unit 1.4 – Lego Builders

What do I already know?

- You can follow instructions to build something specific with Lego.

Key Resources
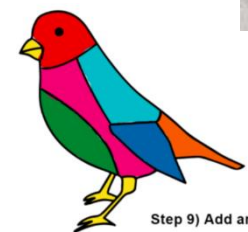
purple mash

Paint Projects

Key Question

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 Learning

- ✓ To compare the effects of adhering strictly to instructions to completing tasks without complete instructions.
- ✓ To follow and create simple instructions on the computer.
- ✓ To consider how the order of instructions affects the result.

Key Images

Step 9) Add an eye

Key Vocabulary

Debug - To find and remove errors from computer hardware or software.

Algorithm - A precise, step-by-step set of instructions used to solve a problem or achieve an objective.

Instruction - Information about how something should be done.

Computer - An electronic device for storing and processing data.

Program - To provide (a computer or other machine) with coded instructions.