



Year One Programme A

Topic – Lego Builders (Information Technology)

Term: Autumn 2

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 Vocabulary

Instruction – Information about how something should be done.

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

Computer – an electronic device for storing and processing data.

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

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

Key Skills

Information Technology

- ▶ Use technology with support, to create, store and retrieve digital content such as text and images.
- ▶ Use a simple search to find information or files.

Learning Links

Coding

Algorithms
Collision detection
Timers
Object types
Buttons

Questioning

Logical decision processing.
Forward planning to achieve a solution