



The Acorn Partnership

Marston Montgomery Primary School
Long Lane C of E Primary School

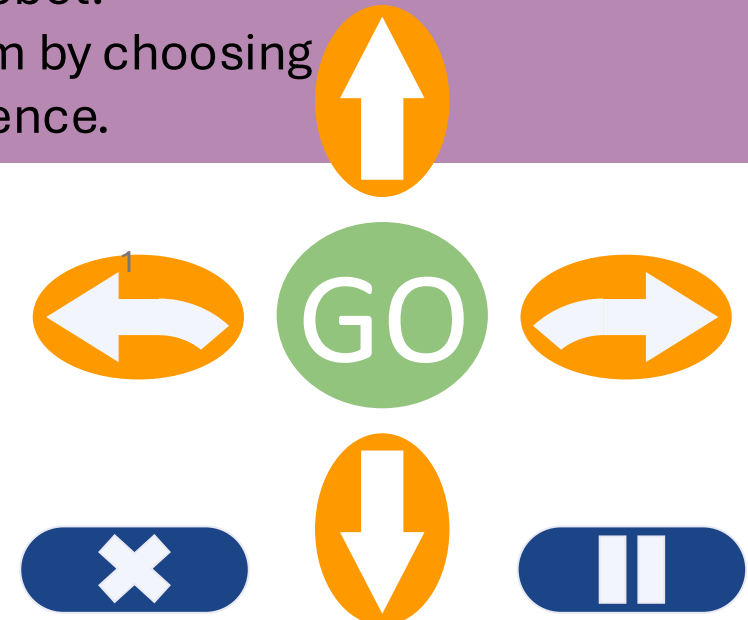
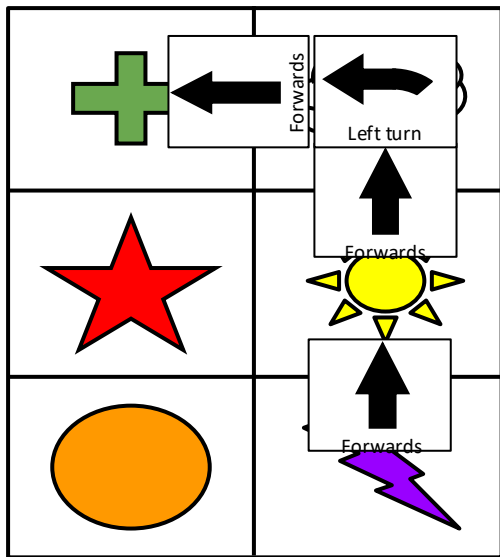
Programming A- Programming a robot

Autumn 2 2025

Sticky learning

New Knowledge

- I know what commands will do and can match a command to an outcome.
- I know how to carry out a command by following instructions of directions given.
- I know how to combine 'forwards' and 'backwards' commands to make a sequence.
- I know how to combine; 'forwards', 'backwards', 'left' and 'right' in a sequence and program this into a robot.
- I know how to plan a simple program by choosing a the order of commands in a sequence.



Key Vocabulary

Forwards	Moving ahead or in front of you.
Backwards	Moving the opposite way to forwards.
commands	Short orders that tell something what to do.
instructions	Steps that explain how to do something.
directions	Information that shows you which way to go.
left	The opposite of right. (←)
right	The opposite of left. (→)
turn	To move around to face a new way.
plan	An idea or list of steps about what you will do.
algorithm	A set of steps to solve a problem or get something done.
program	A set of commands that a computer can follow.