

COMPUTING Knowledge & Vocabulary Map

ST WILLIAM OF YORK CATHOLIC PRIMARY SCHOOL



YEAR GROUP: 4	TERM: SPRING
TOPIC	CODING (COMPUTER SCIENCE)

KEY STICKY KNOWLEDGE

Know what it means to simplify a process to make it more effective (for example by combining commands).

Know that a sensor can detect a change in a program.

Know that repeatedly testing a program will find errors that we can debug.

COMPUTING VOCABULARY

code block	An individual code command represented visually by a block on the screen.
timer	A command that can run a block with a timed delay or at regular intervals.
debugging	Looking for any problems in the code, fixing and testing them.
collide/collision	When two characters on the screen touch each other.
algorithm	A precise step-by-step set of instructions used to solve a problem.
command	A simple instruction in a computer program.
variable	A named are in a computer memory with a name and value.
sequence	When a computer program runs commands in order.
execute	To run a computer program.
flowchart	A diagram which represents an algorithm.
input	Information going into the computer.
output	An element in a computer program that can be changed using actions.
alert	Types of commands, which are run on an object.

