



Computing



Curriculum Progression

Strand: to develop an understanding of coding.

Foundation stage:

Children can read through combined blocks of code to create outputs.

National:



Key
Vocabulary
object, actions,
run

y1:

Children can use blocks to make the characters move automatically when the green play button is clicked.



*Key Vocabulary
block, command,
when clicked*

Y2:

Children can plan a program that uses timers.

National:



Key Vocabulary
*selection, timer,
every, after*

Y3:

Children can create a variable in a program.

National:



*Key Vocabulary
Variables, output
command,
variable watch
window, if, else*

Y4:

Children can show how a character repeats an action and explain how they caused it to do so.

National:



Key
Vocabulary
Sequence,
repeat,
repeat until,
input, output

Y5:

Children can explore text variables.

National:

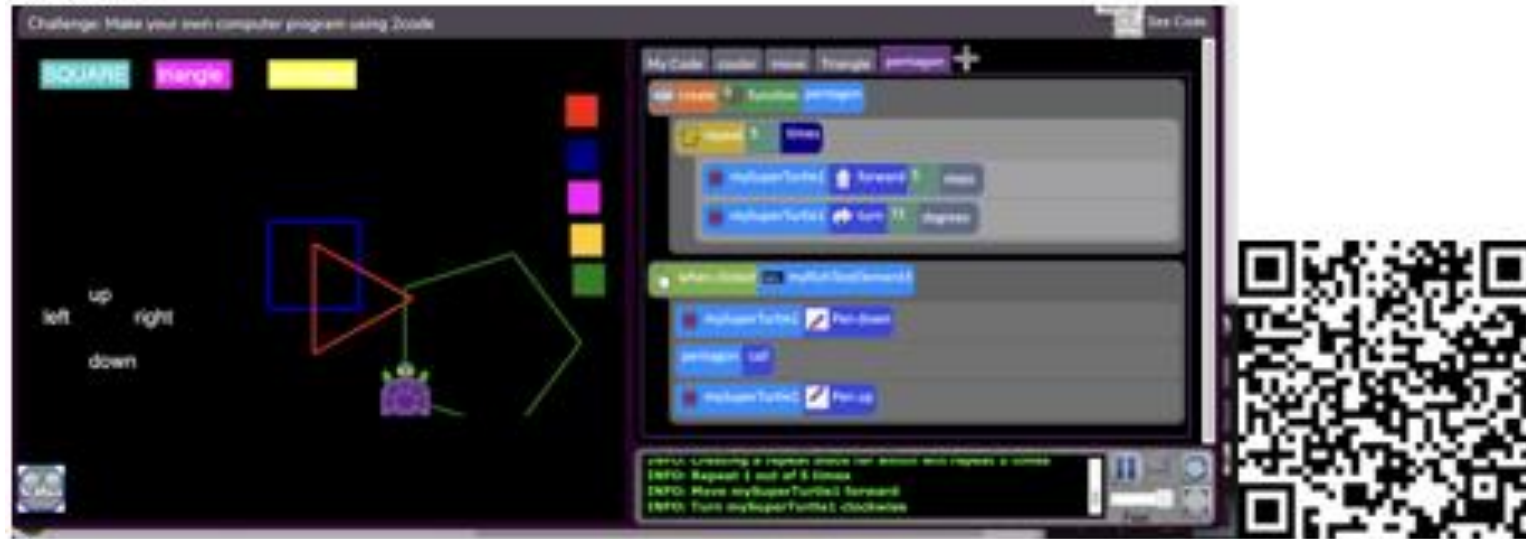


Key
Vocabulary
create
variable,
change
variable,
initialising

y6:

Children can use functions and understand why they are useful in 2Code.

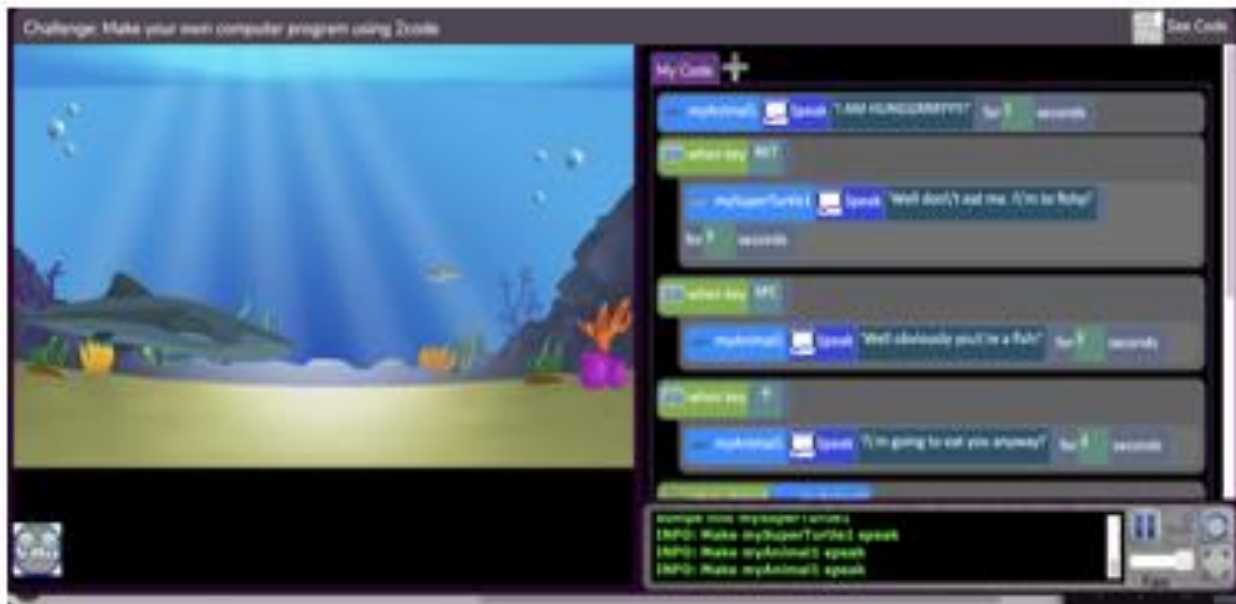
National:



*Key
Vocabulary
Functions,
call,
btnsquare*

Mastery:

Children can create a program that controls or simulates a physical system.



*Key
Vocabulary
nodes,
simulation,
debug*