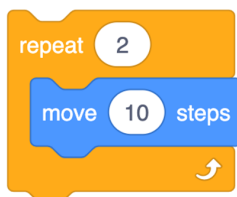


Teach
ComputingLoops

Loops can be repeated continually, and these are known as infinite loops. In Scratch, this is called the repeat forever block.



Loops can also run a set number of times. These are known as count-controlled loops.

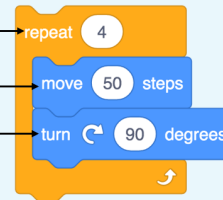


There are many different types of code. Can you spot the similarities in these code snippets?

Logo code

```
repeat 4 [fd 50 rt 90]
```

Scratch code

The Levels of Programming

Task - what is needed

Design - what it should do

Code - how it is done

Running the code - what it does

Remember to test and debug your work!

**Key Vocabulary**

algorithm	A precise set of ordered instructions
code	The blocks that you have added. These are the commands for your sprite to follow.
decomposition	Breaking one big problem down into smaller, more manageable problems that can be tackled step by step.
modifying	Changing the code
repetition	Where actions or commands in programming are repeated. The repeating commands can also be referred to as a 'loop'.