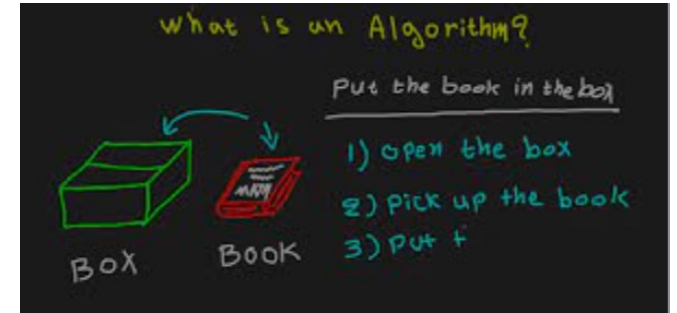




Vocabulary	Meaning
instruction	one step in a program
sequence	one thing after another
algorithm	a sequence of instructions
explore	to begin to learn about something new
loop	make something happen a number of times
keyword	a word that has special meaning to a computer
repeat	the keyword that Code Studio uses to start a loop
bug	a mistake or error in a program
debug	fix errors in a program
solution	a way of fixing a problem
program	a series of coded software instructions to control the operation
conditional	only happens in certain circumstances
if	the keyword that Code Studio uses to start a condition
statement	a clear expression of something in writing
nest	place something inside something else

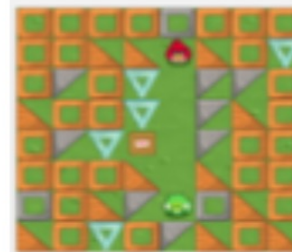
Key knowledge - algorithms

Algorithms are steps or sequences of instructions to follow finish a task



Key knowledge – loops,

A **loop** is a block of code that will repeat over and over again.



```

when run
move forward
move forward
move forward
move forward

```

OR

```

when run
repeat 5 times
do
move forward

```

The **loop** helps the code still reach its intended outcome but it is more precisely written.

Key knowledge - debugging

To remove or fix the mistakes (bug) from a computer program

