Lesson 11- Course E Nested Loops in Maze

Let's review what loops are and why we use them.

What do loops do?
<Loops repeat a set of commands.>

How do we use loops?
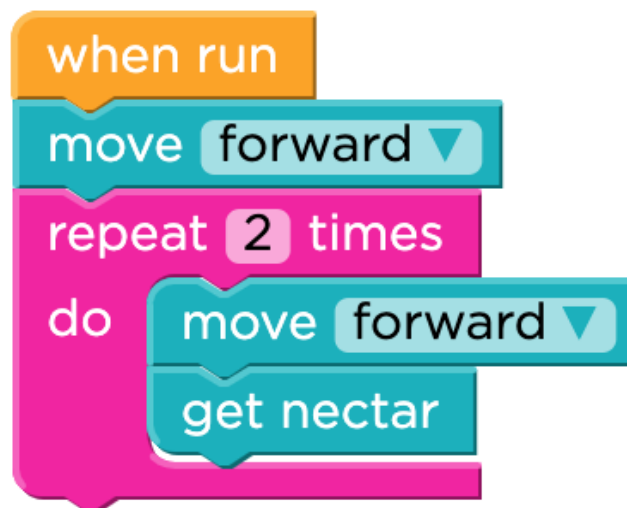<We use loops to create a pattern made of repeated actions.>

You will now be using loops inside loops.

What kinds of things we would be using a loop inside of a loop for?

"If a loop repeats a pattern, then looping a loop would repeat a pattern of patterns!"

Look at puzzle 1

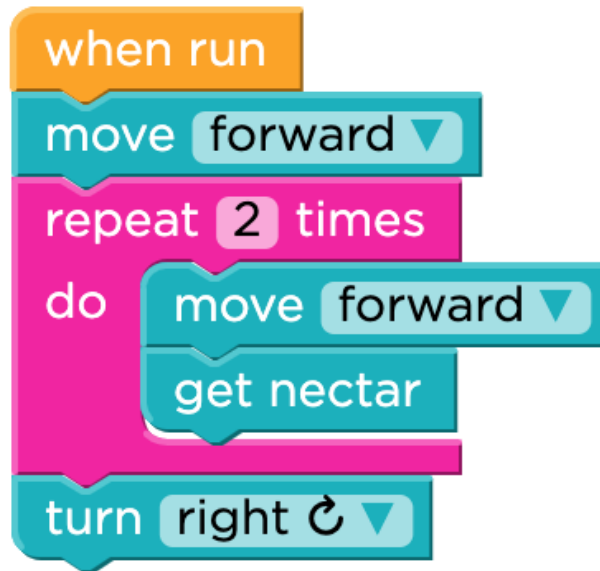Let's begin by just reviewing loops. This one does not use nested loops.
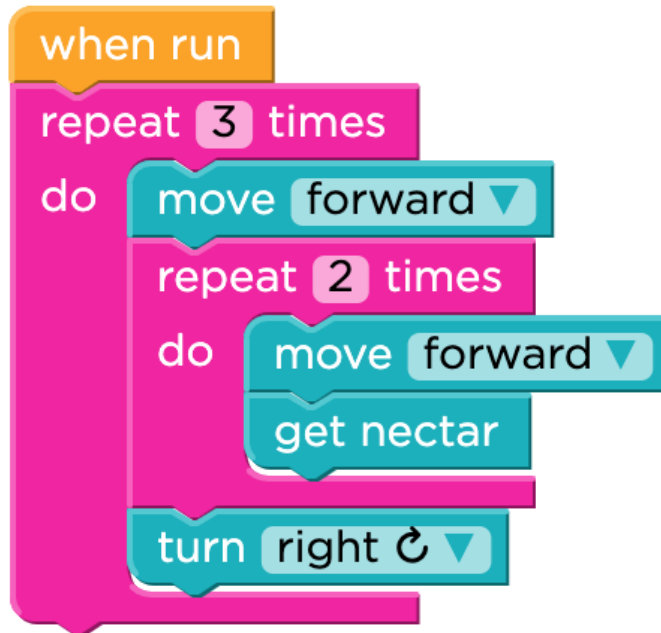

Look at puzzle 2

We can complete the top line by doing the same thing we did in our last code. What do we need to do after we finish that line?

Now we just need to do that three times.

So you can see the loop within a loop. That is called a nested loop.

Watch the following video:

Nested Loops

Answer the question on puzzle 4 and click run to see if you are correct

Go through the rest of lesson 11, when you are done you may try the lesson 11 challenge puzzles:

Lesson 11 Challenge puzzles