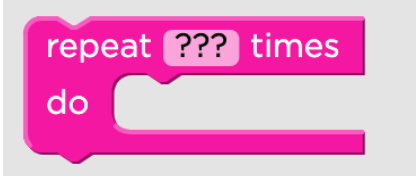

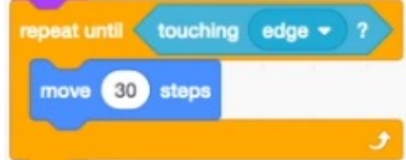
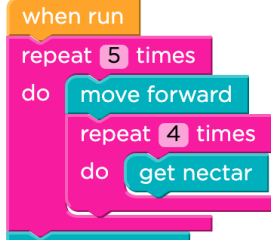

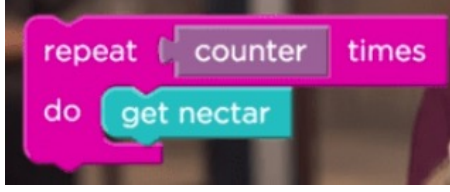




| Vocabulary        | Meaning  |
|-------------------|--|
| programming       | input (instructions for the automatic performance of a task) into a computer or other machine                          |
| instructions      | a code in a program which defines and carries out an operation   |
| algorithm         | a process or set of rules to be followed by a computer   |
| sequence          | a particular order in which related things follow each other   |
| variable          | used to store information which will be used by a computer program at another time                                     |
| programming       | instructions telling the computer what to do which are written using code  |
| store information | data that can be saved so that it can be used or changed at a later date   |
| function          | a basic task of a computer that can be programmed once and repeated easily   |
| parameters        | allow us to pass additional information into a function without changing the whole function that was initially created |
| debug             | to identify and remove errors from a code  |
| binary            | a code which is made up of 0s and 1s which helps a computer process information  |
| numbers           | we count using a decimal based system (0-9), computers use binary (0s and 1s)  |
| code              | a piece of an algorithm which is designed to instruct an application or the computer to perform an action              |

| Key knowledge  |  |
|--|--|
| <p><b>Loops</b> - is something that is run over and over until a condition is met.</p>                    | <p><b>Counting loop</b> – is a loop that repeats a particular action a certain number of times.</p>     |
| <p><b>Conditional loop</b> – is a loop that repeats a sequence of actions until a condition is met.</p>  | <p><b>Nested loops</b> - if a loop exists inside the body of another loop.</p>                         |
| <p><b>While loops</b> - allows the code to know what to do if something happens.</p>                    | <p><b>For loop</b> - counts from a starting value up to an ending value by a specific increment.</p>  |