

Write your own every day nested loop

Show pupils the following two pages.

Then write your own everyday example using the indent to show what is inside a repeat loop.

Use the template on page four. There is an example on page five to inspire you.

Hand out trimmed copies of page four for pupils to write their own repeat loops and test them with their partner.

Repeat 36

→ *Turn left 10 degrees*

indent

Pen down

Repeat 3

→ → *Move 100*

indent

indent

Turn left 120 degrees

Pen up

A real code example nested loop algorithm



An everyday example of a nested loop algorithm

Write your own nested loop

This program would look like this if written out as an algorithm



Repeat 2

Jump

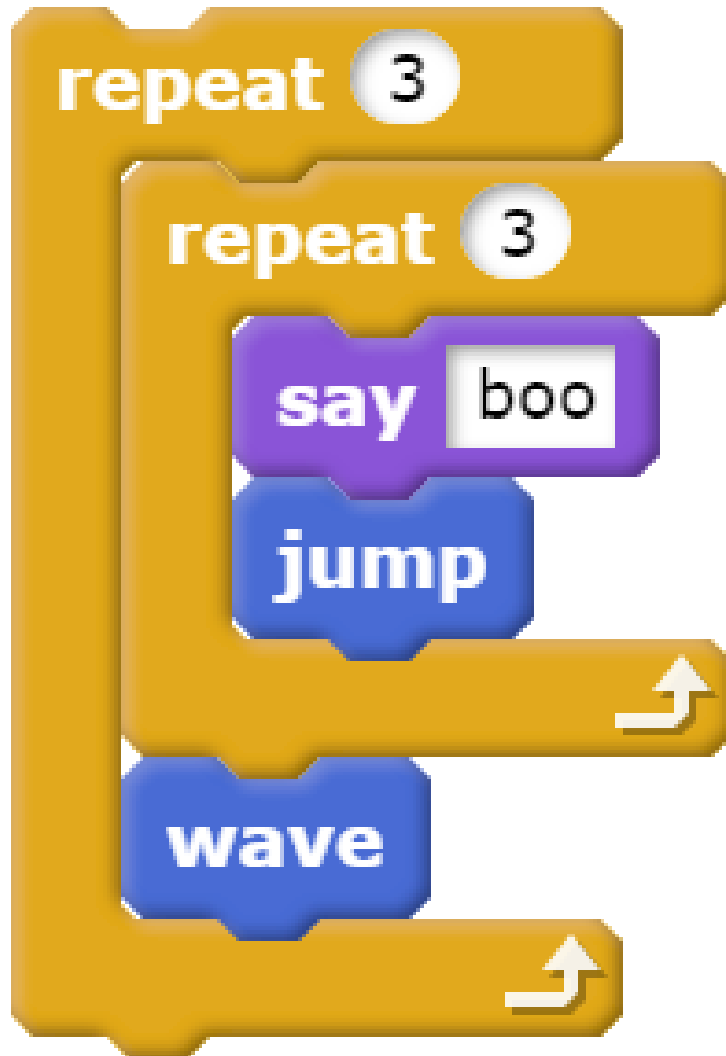
wave

Repeat 3

Say boo

Write your own nested loop

This program would look like this if written out as an algorithm



Repeat 3

Repeat 3

Say boo

Jump

wave

Write your own nested repeat loop
The dotted lines show you where the
indents would start. Test it with your
partner.

Three vertical dotted lines are positioned at approximately 60px, 205px, and 350px from the left edge of the page, serving as guides for indentation in a nested loop structure.

Write your own nested repeat loop
The dotted lines show you where the
indents would start. Test it with your
partner.

Three vertical dotted lines are positioned at approximately 530px, 675px, and 820px from the left edge of the page, serving as guides for indentation in a nested loop structure.

Example to inspire your own demonstration prior to pupils writing their own nested loop algorithm.

Write your own nested repeat loop
The dotted lines show you where the indents would start. Test it with your partner.

Repeat 2

Laugh

Frown

Repeat 3

hop