

# Repetition Activities

Simple activities to help pupils understand repetition before they use it in programming

Repeat a smile  
three times

Lick your lips

5x

Jump  
once  
Shake  
your right  
leg

3x



## Aims

Pupils will gain a clear understanding of basic repetition through role play.

## Repetition Defined

Instructions or actions that are repeated more than once

Explain that repetition or loops are instructions that are repeated more than once.

### Activity One

Teacher gives a pupils one spoken commands such as stand up, poke your tongue out, wave your hands and asks them to repeat it so many times.

Do the same with other students.

Pupils take turns to give each other one instruction and asking them to repeat it up to six times (more gets boring quickly!)

Can pupils repeat two different instructions so many times? Pat your head then clap your hands repeat 4 times or repeat this 4 times shake right and then hop once.

### Activity two (pupils need a whiteboard and pen each)

Teacher demos writing an instructions and drawing a loop round it saying how many times.

Pupil runs the loop.

Pupils write an instructions and drawing a loop round it saying how many times for another pupil to run.

Can pupils write more complex sequence of instructions that need to be looped?

### Activity three

Give a sequence of instructions to your friend to walk in a square.

Can you work out what instructions could be put into a repeat loop to walk a square.

Give a sequence of instructions to walk in a rectangle.

Can you work out what instructions could be put into a repeat loop to walk a rectangle.