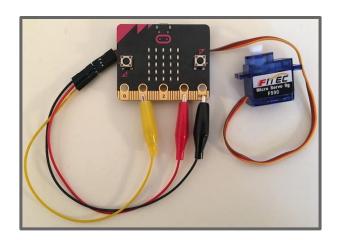


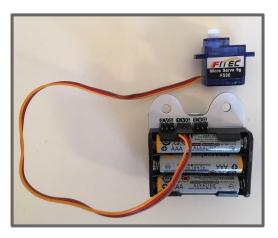
micro:bit | Servos

Connect the micro:bit to MicroBlocks.



Connect a servo to pin 1 using either alligator clips or an extension board.





NOTE: The micro:bit needs extra power to run servos. Be sure to attach batteries or use an extension board that provides extra power.

Add the Servo library:





Position Servos

Position servos move to a specific angle and stay there. You control what angle they move to. Try this code to see your position servo move!

```
set servo 1 to 90 degrees (-90 to 90)

wait 500 millisecs

set servo 1 to 0 degrees (-90 to 90)

wait 500 millisecs

set servo 1 to 90 degrees (-90 to 90)

wait 500 millisecs
```

Continuous Servos

Continuous servos spin continuously like a motor. You control their speed and direction. This code will make your continuous servo spin. What happens if you increase or decrease the speed?

```
set servo 1 to speed 50 (-100 to 100) wait 1000 millisecs
stop servo 1
```