

Some Sphero Blockly Programs to Try

Roll Tide (forward and back)

```
on start program
  main LED [blue]
  roll 0° at 80 speed for 1s
  delay for 1s
  roll 180° at 80 speed for 1s
```

Squared

```
on start program
  roll 0° at 60 speed for 2s
  roll 90° at 60 speed for 2s
  roll 180° at 60 speed for 2s
  roll 270° at 60 speed for 2s
```

Roll With It

```
on start program
  main LED [blue]
  roll 0° at 80 speed for 1s
  delay for 1s
  roll 180° at 80 speed for 1s
  fade from [yellow] to [white] over 0s
  roll 0° at 255 speed for 0s
```

Disco Dance Party

```
on start program
  speak build string Party!Woohoo! and continue
  strobe [red] for 0.02s 30 times
  fade from [blue] to [green] over 1s
  fade from [green] to [yellow] over 0s
  main LED [pink]
  back LED 255
  play fast forward sound and continue
  raw motor left 255 right -255 for 1s
  back LED 0
  back LED 255
  raw motor left -255 right 255 for 1s
  stop
  main LED [green]
  back LED 255
  raw motor left 255 right 255 for 2s
  main LED [pink]
  raw motor left -255 right 255 for 4s
  stop
  play applause sound and continue
```

Color Me Sphero

```
on start program
  strobe [green] for 0.3s 1 times
  delay for 10s
  strobe [red] for 0.3s 1 times
  play chime sound and wait
```

Flashdance

```
on start program
  loop forever
    back LED random color
    front LED random color
    strobe [blue] for 0 10000 times
    SKIP THIS BLOCK AND GO FROM STROBE TO SPEED
    speed 100
    spin 360° for 5s
```