

## Text 1: Hello World!



Learn the basics of the text canvas, loops, and some tips to get started with your first lines of JavaScript code.

**Tags:** loops    syntax    text coding

**Grades:** 4 to 8 | **Duration:** 1/2 Hour - 1 Hour

### Step #1: Setup

1. Charge your robot.
2. Download and sign in to the app.
3. Complete a few blocks activities if you haven't already.
4. Complete or answer the questions for each step.

### Step #2: Text Overview

Get an overview of the text canvas, Javascript, and how blocks relate to text code.

**YouTube video:** <https://youtu.be/OquVY8lHyYo>

### Step #3: Hello World!

Write a quick program to get started. "Hello World!" is the name of the first program you write in any new language.

**YouTube video:** [https://youtu.be/Y9WLsJds\\_qE](https://youtu.be/Y9WLsJds_qE)

### Step #4: Hello Square!

Use a loop to transform the line in the Hello Word! program into a square.

**YouTube video:** <https://youtu.be/cj5Le8PBURA>

### Step #5: The Wiki

Discover the wiki at [edu.sphero.com/wiki-js](http://edu.sphero.com/wiki-js) and learn a few more things before you start writing more code.

**YouTube video:** <https://youtu.be/G9z4y9OZVyM>