

Sphero Code Club

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OVERVIEW

- 1. History**
- 2. Code Club in Action**
- 3. Things to Consider**
- 4. Questions?**
- 5. Playtime!**

INTROS

WHO ARE WE?



JAMES GIANGREGORIO



CLEO ROBERTSON

INTROS

**MEET THE
SPHERO**



**USES *SPHERO*
EDU APP ON ANY
MOBILE DEVICE**

**ENTRY-LEVEL
CODING**

**BUILT-IN
ACTIVITIES &
TUTORIALS**

\$120/ROBOT

INTROS

MEET THE SPHERO

The screenshot displays the Sphero Edu app interface. At the top right, there is a status bar with icons for Bluetooth, Wi-Fi, 57% battery, and the time 12:57 PM. Below the status bar is a blue header with a back arrow on the left and a green 'Start' button on the right. The main workspace is a light gray area where a sequence of programming blocks is visible. The blocks are:

- On Start Program** (dark gray header)
- Set Speed** (light blue block) with a value of 200.
- Stabilization** (light blue block) with a value of On.
- On Collision** (dark gray header)
- Speak** (light blue block) with the text OUCH.
- Set Heading** (light blue block) with a range of Random 113 to 265.
- Set Color** (light blue block) with a value of Random.
- Streaming Sound** (dark gray block) with a value of 2.

At the bottom of the screen is a navigation bar with several tabs: Actions, Controls, Operators, Comparators, Sensors, Events, Variables, and Functions. The 'Variables' tab is currently selected and highlighted in pink.

HISTORY

GOALS

- demystify coding & spark interest in computer science
- strengthen 21st century skills
- foster healthy social growth

GRANTS

- Friends of VBPL
- Best Buy

PARTNER WITH SCHOOLS





CODE CLUB IN ACTION

Facilitation vs. Instruction

Self-paced learning with
group activities

- » Challenges & games
- » Introducing other tech

Heavy social component

Attendance



IMPACT

Growth in coding confidence

Strong social bonds

Creative problem solvers



THINGS TO CONSIDER

Planning is key

- » Back-up activities
- » Make sure your tech works

Space & resources

Social component

Self-paced is king

Don't be the expert

Be up front with goals



QUESTIONS?



PLAY TIME!



tinyurl.com/fri2017vla