

A decorative L-shaped line in a light brown color, consisting of a horizontal segment on top and a vertical segment on the left, framing the top-left corner of the text.

Diversity and Inclusion in Computer Science

A decorative L-shaped line in a light brown color, consisting of a horizontal segment on the bottom and a vertical segment on the right, framing the bottom-right corner of the text.

An unbiased world

In the near future we will be surrounded by Artificial Intelligence, Machine Learning products

- Who is going to be programming these artificial human brains that are going to be making decisions?
- What kinds of values will these programs have?
- Will they be unbiased?

11% - Of Computer Scientists are Women

3% - Of Computer Scientists are Hispanic

1% - Of Computer Scientists are Black

It all starts at the beginning

Where Traditional CS Curriculum Falls Short

- Imposter Syndrome
- STEM as the “Smart” field and who is “Smart”?
- The Solitary Coder
- How does code translate to impact?

Making Your Program Inclusive

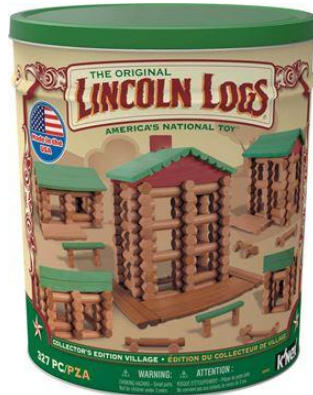
- **Not all students love robots**
- Optional versus required
- In class versus outside of class
- Partner work and paired programming

What Does “Inspiring” Mean?



What teaching technologies
and toys foster inclusion?

Toys as a Medium for Inclusion



Toys as a Medium for Inclusion





Making all paths equally accessible



<https://tinyurl.com/TeachTechFeedback>

Fill Out the Feedback Form to
be entered in the raffle!



Python for a Random Number Generator

```
1 from random import randint
2
3 print(randint(1, 100))
4
```

TeachersPayTeachers Gift Cards



Teachers Pay Teachers

Makey Makey Go





Simple Box



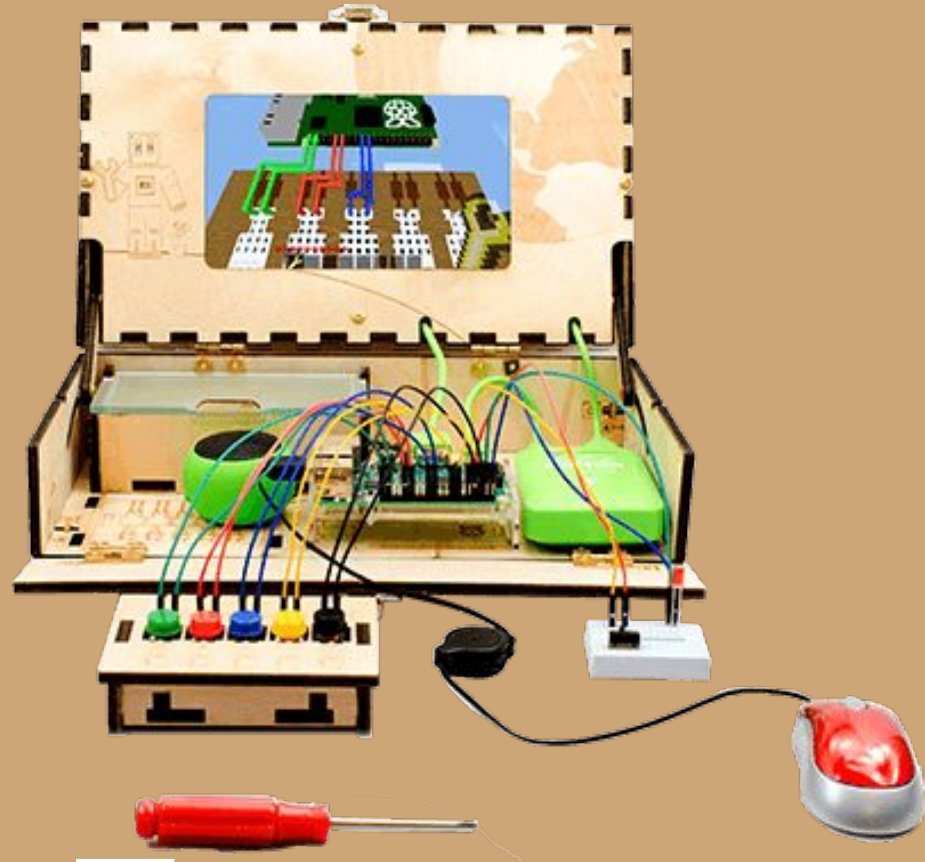
Contents

Makey Makey Classic

Sphero Darkside Robot



Piper Kit



Thank You!

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