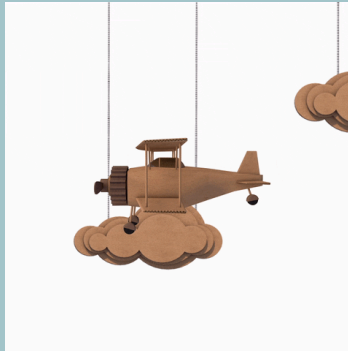


Physical Computing 101:

Bringing Cardboard to Life with the MakerBit and Makey Makey



bit.ly/physicalcomputingutis



hey,

Heather Lister

Chief Education Officer @ Construct Learning

[@heathermlister](https://twitter.com/heathermlister)

www.heatherlister.com

1

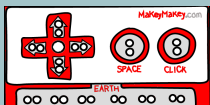
[Slide Deck](#)

Physical Computing Defined



["Let's Get Physical" video](#)

2

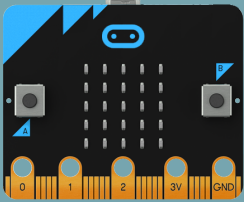


Physical Computing with Makey Makey

[Make a Circuit](#)

[Make a Switch](#)

3

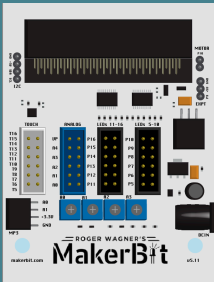


Physical Computing with the MicroBit

[Smiley Buttons](#)

[Rock, Paper, Scissors](#)

4



Physical Computing with MakerBit

[Download](#) the MakerBit Chrome App
([Additional instructions](#) if you're having issues)

[Volcano Display](#) Slides Version

[Volcano Display](#) Workbench Version

[Volcano Display](#) Google Doc Version

5

Fantasy Device Design

Groups of 4-6

[Planning Sheet \(forces a copy\)](#)

Gallery Walk



Buy a MakerBit for 40% off

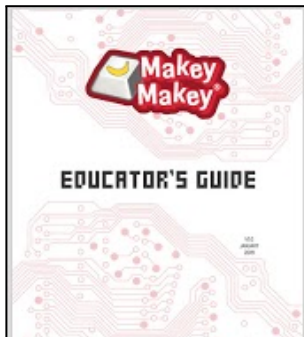
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[Link to Order today](#)

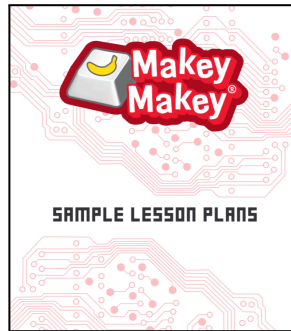
[Link to Reserve](#)

(must pay by 11/15/2019)

Going Further...



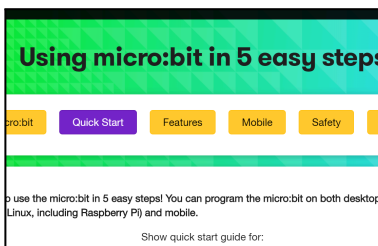
[Makey Makey Educator's Guide](#)



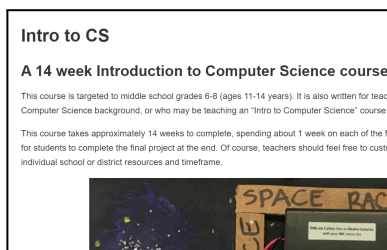
[Makey Makey Sample Lesson Plans](#)



[Makey Makey Instructables](#)



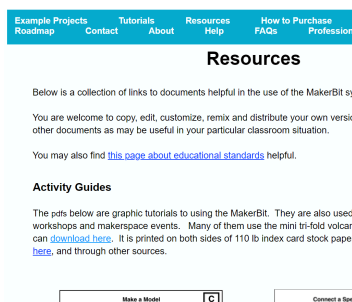
[Micro:bit Quick Start Guide](#)



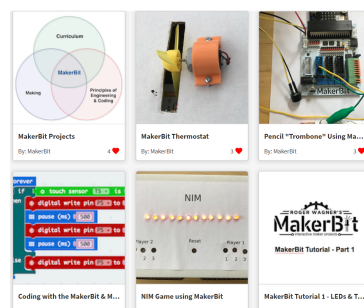
[Intro to CS using Micro:bit](#)



[Networking with the Micro:bit Book](#)



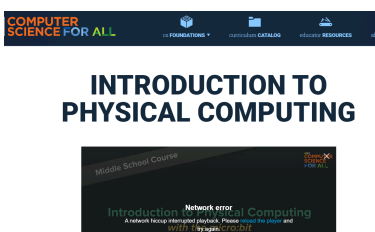
[MakerBit Resources](#)



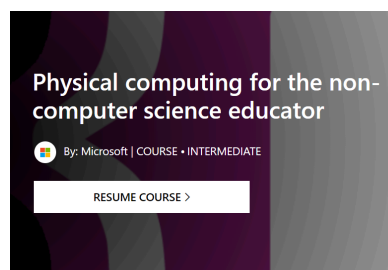
[MakerBit Workbench Tutorials](#)



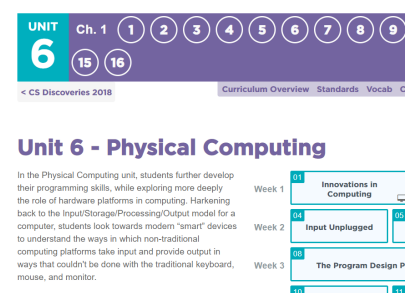
[MakerBit Tutorial \(Icelandic Translation\) \(English Version\)](#)



[NYC Computer Science for All Intro to Physical Computing](#)



[Physical Computing for the Non-Computer Science Teacher](#)



[Code.org Physical Computing Curriculum](#)

