



Happy National Bike Month!

May 7, 2016

EXPLORE NEWTON'S 3 LAWS, WITH A BICYCLE

In honor of [National Bike Month](#), here is a fantastic [TED-Ed Original animated lesson](#) explaining Newton's 3 Laws of Motion with a bicycle:



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FROM TED-ED

Learn to Speak "STEM-ish"

WEBINAR PRESENTED BY THE AFTERSCHOOL ALLIANCE

The national Afterschool Alliance recently hosted two webinars about how to explain the value of afterschool STEM programming to key stakeholders. In Part 1 of *Learn to Speak "STEM-ish"*, they introduced participants to the FrameWorks Institute's research-based communications strategies to boost public support for afterschool STEM programs. In Part 2, they dove deeper into evidence-based reframing strategies for talking effectively with the public about informal STEM learning. Check them out to learn about how to explain the relationship of afterschool programs to classroom learning, and review tested strategies for talking about disparities in STEM education.



[Watch the recording of Part 1 here](#)

[Watch the recording of Part 2 here](#)

LEARN MORE

Exploratorium Science Snacks

BITE-SIZED EXPERIMENTS THAT WON'T BREAK THE BANK

San Francisco's Exploratorium museum is a fun one to visit, no matter your age, but they also offer a large library of online resources for formal and informal educators. Their [Science Snacks](#) are particularly good because they provide a basic step-by-step breakdown of a quality hands-on science activity as well as an explanation of the scientific principles in action. "Science Snacks are tabletop exhibits or explorations of natural phenomena that teachers or students can make using common, inexpensive, readily available materials." Here are a few we recommend:



[>> Coupled Resonant Pendulums](#)

By taking advantage of resonance, you can cause two pendulums to swing in identical cycles.

>> **Bernoulli Levitator**

Suspend an object in the air by blowing down on it.

>> **Flying Tinsel**

Hone your electrostatic levitation skills and fly some tinsel.

CHECK OUT MORE
SCIENCE SNACKS

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STEM SATURDAYS!**

www.afterschool.org/stem

