









Concept Schools Stem Exposition is an event designed to encourage students to showcase the results of their stem studies and their science work. The purpose of the exposition is to apply knowledge and understanding of science, technology, engineering and math to conduct in-depth, "real-world" investigations and offer another venue for students to practice their presentation skills. The following STEM demonstrations are presented by Concept Schools' students at the CONSEF 2015 in Cleveland Ohio.



NEWTON'S NIGHTMARE - LENZ'S LAW – https://goo.gl/Y77j9L Horizon Science Academy – Cleveland High School - Tyree Lee

Gonzales. Drop a weight into the aluminum tube and... wait... why didn't it come out the bottom? Give it a second, that weight just takes a while longer. That's why we call it Newton's Nightmare!

OPTION 68 MARSHMALLOW MASHER - https://goo.gl/6R9ehN Horizon Science Academy – Springfield – Tyrelle Devault Marshmallows are a delicious, fluffy staple of summer, campouts, and barbecues. Did you know that there isn't really much to them? Try it at home.

OPTION **69**

CANDLE CAR - https://goo.gl/Pc9KRA

Michigan Math and Science Academy – Zariah Bridges The temperature difference between both sides of the thermogenerator produces electricity supplying the electrical motor on the front wheel.

