



# Science Spectacular!

## Squishy Circuits - Combustion and Pyrotechnics - Physics of Catapults

*All students attend 3 classes with their age peers.*

**Squishy Circuits:** What are electric circuits? Use meters and an oscilloscope to study electric current flow, then make circuits to light LEDs, run motors and play sound!

**Combustion and Pyrotechnics:** Investigate thermochemistry through experiments with chemical combinations and physical forces that tend to flare, fizzle, spark, and even explode!

**Physics of Catapults:** Build a working replica of this ancient weapon! Consider the physics behind the action and incorporate your own personal touch!

**Saturday, November 19**

**Arlington Heights**

South Middle School

400 S. Highland Ave

1:30 - 4:00

Grades 1-8

**Saturday, December 10**

**Winfield**

Central School

05150 Park St.

1:30 - 4:00

Grades 1-8

Tuition: \$45



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*Joan Franklin Smutny, Founder and Director*