



## KINDERGARTEN

Program	Price/ Classroom	Length	Facilitator
First Time Physics	\$5.00	2 45min sessions	Extension
Handwashing	FREE	1 45min session	Extension
Embryology	\$5.00	2 45min sessions	Extension
*Mobile Science Lab	TBD	varied	Extension
4-H STEM Challenge	FREE	varied	Either
*STEM Days	TBD	Field Day	Extension

### PROGRAMS:

#### **First Time Physics**

This program focuses on Newton's Laws of Motion; covering light and sound through interactive learning activities.

#### **Handwashing**

Extension staff will use a blue light and a special lotion to show students all the germs that are on their hands. Students will then learn the proper way to wash their hands and check to make sure they clean all the germs.

#### **Embryology**

This lesson teaches youth how life develops by observing the process of hatching baby chicks over a three-week period. During the lesson, students learn about the makeup of eggs, the difference between store eggs and fertilized eggs and the process of hatching chicks. Students assume responsibility of the eggs as if they were the mother hen and rotate the eggs in the incubator daily.

#### **Mobile Science Lab\***

The Mobile Science Lab brings science to youth through interactive activities that show youth that science is all around them.

#### **4-H STEM Challenge**

Each year 4-H STEM Challenge helps students to learn fundamental STEM skills while they wrestle with the same questions as today's top scientists and engineers. Educators will provide a kit that walks through activities related to physics, light, engineering, coding and more.

#### **STEM Days\***

Students learn about engineering processes through a variety of hands-on activities.

\*Represents multi-grade or school-wide events that last ½ or full days. Most charged per student.