

# KANSAS ACADEMY OF MATHEMATICS AND SCIENCE 2024 Summer STEM Summit

**JUNE 2-4  
2024**

## Fun with Vacuums

Use a PVC pipe and vacuum pump to launch a ping pong ball at supersonic speeds. You will get to practice physics hands-on in groups of four by building and launching a ping-pong cannon.

## Trashcano

Have you ever wanted to see a rubber ducky fly? In this demo, you will take an active role in developing different hypotheses of what will happen when a 50 gallon trashcan volcano erupts. How far will rubber ducky fly, and in which direction? Is there a reason why some fly farther than others? Find out why!!

## The Science of Survival

Explore the physics behind building a fire by rubbing two sticks together--learn how to extract clean water from mud. Investigate the science behind essential survival techniques that could keep you alive in the wild!

## Chemistry in Our Everyday Life

This is an educational and fun-filled experience to explore the chemistry of food, cooking, colors, and art! Come find out how you can apply chemistry in your kitchen, household, and everyday life!



<https://www.fhsu.edu/kams/summer-stem-summit/>

3 days-2 nights -Camp Supplies-T-shirt-Meals  
Going into 8-9-10 grade \$75

