



# WAVES

## STEM Discovery Toolkit

Are you or your students interested in learning about how waves move through various mediums? If so, check out this toolkit for fun and exiting waves to explore the science of air, water, and sound waves!

### Lessons Included:

- Soap Film Waves
- Seismographs
- Exploring Sound Waves

### Life Skills Objectives:

Youth will gain critical thinking and problem solving skills by engaging in hands-on experiential learning experiences.

### Learning Science Through Inquiry:

Students will use deductive reasoning and investigative practices to learn all about motion and the relationships between air, water, and sound waves. Not only will they gain hands-on experience, but they will also learn life-long skills pertaining to physics and the natural world.

To request a STEM Discovery Toolkit fill out the [Check Out Request Form](#)

### What's Inside?

- ⇒ Foil pans
- ⇒ Cornstarch
- ⇒ Dish soap
- ⇒ Metal hangers
- ⇒ Additional Supplies



For more information about STEM opportunities from UW-Extension, or to request a STEM Discovery Toolkit, contact Annie Lisowski, 4-H & Youth Development Educator, 608-685-6256 or email [annie.lisowski@ces.uwex.edu](mailto:annie.lisowski@ces.uwex.edu)