



## EDUCATION PROGRAMS

**FORCES AND MOTION**  
**POLYMERS**  
**SCIENCE OF GLASS**  
**WEATHER**

### Forces and Motion

**Get hands-on with forces and motion. Discover that all forces are a push or a pull. Learn that forces cause movement and that changes in those forces change the movement of objects.**

**Science:** Forces change the motion of an object.

### Polymers

**Students will discover that natural elements can interact with synthetic materials to cause a chemical change, creating a polymer.**

**Math:** Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes. Estimate lengths using units of inches, feet, centimeters, and meters.

**Social Studies:** Ideas and events from the past have shaped the world as it is today. The actions of individuals and groups have made a difference in the lives of others.

### Science of Glass

**Students will understand that applying heat causes change in some matter. Students will understand that change can be observed.**

**Science:** Living things cause changes on Earth.

**Social Studies:** Science and technology have changed daily life.

## Weather

**Learn the different types of weather and make weather observations. Discover how changes in energy shape weather, looking specifically at wind and water.**

**Science:** The atmosphere is made up of air.

Water is present in the air.

Long and short-term weather changes occur due to changes in energy.

## How do I register for an Education Program?

Call or Email The Works Education Team (740) 349-9277

Rori Leath, STEM Education Director (PreK-5) – [RoriLeath@attheworks.org](mailto:RoriLeath@attheworks.org)

Meghan Federer, STEM Education Director (6-12) – [MeghanFederer@attheworks.org](mailto:MeghanFederer@attheworks.org)

Interested in  
opportunities not  
listed here?  
Call or email  
The Works  
Education Team