



# RUN WATER RUN

## 5th Grade

### DESCRIPTION

How is water both a constructive and a destructive force in shaping land forms in Georgia, the U.S., and the Earth in general? Where is water located on, in, or around our planet? In the Weinman Mineral Gallery, students will see the impact of water in carving out the Grand Canyon and also view changes in the geology of Georgia through millennia, from the formation of the Appalachian Mountains to barrier islands. In the lab, students will use a stream table to demonstrate and explain some of water's powerful shaping force.

#### 30 MINUTES – GALLERY TIME

- Grand Canyon mural observation and discussion
- Georgia Geologic Province exhibit
- Discussion and examples of how water plays an important role in changing land forms
- Exploration of gallery time

#### 30 MINUTES

- Gem Panning and Careers in Geology

#### 30 MINUTES

- Store, Foucault Pendulum & Apatosaurus

#### 30 MINUTES - LAB

- Students will work in teams at 6 different tables to design a model town in a stream table
- Students will observe water's constructive and destructive forces
- Discussion via power point regarding the happenings at their tables
- Students will label various land forms built or destroyed by the force

#### TAKE HOME ITEMS

- Keep the gemstones found at Gem Panning