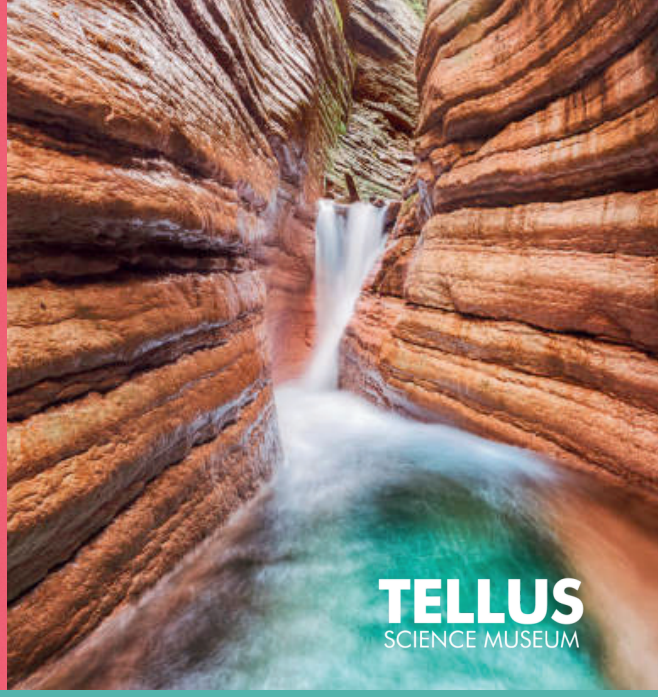
RUN WATER RUN

GEORGIA STANDARDS OF EXCELLENCE:
S2E3 a, b; S5E1a,b,c; SS Map and Globe Skills 10; S6E5d,e; SE53a,b,c; SE56c

TENNESSEE ACADEMIC STANDARDS:
2.ESS2:1,2,3,4; 4.ESS2:1,3; GEO.ESS2:1,11

2nd, 5th, + 6th Grades



DESCRIPTION

Join us as we explore how water is both a constructive and a destructive force in shaping land forms in Georgia, the US, and the Earth in general. Where is water located on, in, or around our planet? Students will see the impact of water in carving out the Grand Canyon and also view changes in the geology of Georgia through millenia, from the formation of the Appalachian Mountains to barrier islands.

FIELD TRIP - APPROXIMATELY 2 HOURS

30 MINUTES - GALLERY TIME

- Discuss and model the hydrosphere with a demonstration explaining the distribution of water on earth's surface
- Observe and discuss how water shaped the Grand Canyon
- Discuss and see examples of how water plays an important role in changing land forms

30 MINUTES - STORE

30 MINUTES - GEM PANNING + CAREERS IN GEOLOGY

30 MINUTES - LAB

- Work in teams to design a model town in a stream table
- Witness and discuss water's constructive and destructive forces
- Label various land forms built or destroyed by water's power

TAKE HOME ITEMS

- Keep the gemstones found in Gem Panning