

Fire & Flooding:

This kit includes the following activities and associated materials.

Fire & Flooding – Students will learn about the Colorado Springs water collection system, how a fire can impact the watershed, and conduct an experiment to observe run-off and water quality impacts from burned and unburned areas.

- Six 9 oz. clear plastic cups
 - One cookie sheet or tray
 - Two clear liter bottles
 - Two 2X2 inch squares of screen material
 - Two rubber bands
 - Paper towels
 - Access to water
 - Two cups of pea gravel
 - One cup forest duff/soil
 - One cup ash
 - Optional: pH paper; total dissolved solids (TDS) meter; data sheet.
- Fire Runoff Experiment- See the difference between runoff from a natural forest soil verses a burned area.
 - pH paper
 - 1 Total Dissolved Solids (TDS) meter
 - 1 tray
 - Paper towels
 - 6 Clear 9 oz cups
 - 1 unburned soil sample
 - 1 burned soil sample
 - Data sheet