Human Impacts: Water Use
Middle School

Overview
Students will explore two models of water conservation, while collecting quantitative data on water that is conserved. Students will review the causes of water shortages in New Mexico and craft an argument about water shortages. Lastly, students will work in small groups to design solutions for water conservation in home design.

Phenomenon/Problem to Solve
Why and how do we conserve water in New Mexico?

Next Generation Science Standards
MS-ESS3-3: Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.

MS-ESS3-4: Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth’s systems.

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Common Core State Standards
ELA-LITERACY.RST.6-8.3: Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.

ELA-LITERACY.RST.6-8.7: Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).

Date: _______________________
Asombro staff: ______________________