

Science GSEs: 3rd Grade



Standard: S3L2

- Obtain, evaluate, and communicate info the impact of humans and pollution on the environment
- Collect info on the sources and effects of pollution and explore/communicate solutions like resource conservation

Water activity to fulfill standard: UOWN has an activity that can be rented that demonstrates how pollution moves through a watershed

Standard: S3E1

- Obtain, evaluate, and communicate info about the physical attributes of rocks and soils
- Classify rocks by their physical attributes using simple tests
- Plan and carry out investigations to describe soil properties and types
- Examine the local environment and explain how water and wind have changed soil and rocks in the area over time

Water activity to fulfill standard: Pour water into a box of sand and describe what is happening. Do the same with a box of clay, and describe similarities and differences.

Standard: S3P1

- "Obtain, evaluate, and communicate information about the ways heat energy is transferred and measured"
- Ask questions to ID sources of heat energy
- Carry out an investigation involving thermometers and tables/charts to illustrate the impact of sunlight on various objects
- Use everyday materials to construct a device or structure that amplifies or reduces the warming effects of sunlight (to prepare students for conduction, convection, and radiation lessons in later grades)

Water activity to fulfill

standard: On a sunny day, fill several containers with water and place them at different locations outside (in direct sunlight, in partial shade, etc.). Every couple of hours have students check the temperature and water levels of the different containers and see if students know where any missing water went



[Click here for Georgia's full 3rd grade science standards](#)