



Priority Standards

Geoscience Investigations – Grade 9

Geoscience Academy

Below is a table of the priority standards.

Priority Standards	Description
1.1	Identify and master basic lab skills.
1.2	Make use of developed lab skills to construct a working knowledge of more advanced lab skills, processes, and procedures.
2.1	Explore local water based habitats to evaluate water quality and human impact on our water systems.
3.1	Investigate and identify different marine ecosystem types, characteristics and locate on maps of the world's oceans.
3.2	Analyze adaptations needed to survive in marine habitats
4.1	Explore the oceans water properties, process and effects on global climate.
5.1	Explore the earth's atmosphere and meteorological processes.
6.1	Explore the motions and patterns of the night sky's stars, earth's moon and solar system objects.
7.1	Evaluate human impact on the environment and explore its effects on earth's climate and inhabitants.
8.1	Explore the composition of rocks and how they are formed.
8.2	Identify the types of rocks and minerals.
9.1	Explore the geologic time scale and the geologic history of Kansas.
9.2	Identify a variety of fossils found throughout geologic time.
10.1	Explore careers in the Geosciences.