Core Standard	Standard/Description I Can Statement
Water Cycle	
1.1	I can identify, describe, and model the different states of water.
1.1	I can describe the relationship between heat energy, evaporation and condensation of water on earth.
1.1.a	I can identify relative amounts of water found on earth.
1.1.b	I can identify the sun as the source of energy for the water cycle.
1.1.c	I can compare evaporation and condensation of water.
1.1.d	I can record temperature and analyze its effect on changing the states of water.
1.2.a,b	I can describe the water cycle. (vocabulary)
1.2.c,d	I can construct a model of the water cycle and identify places that hold water in the water cycle.
1.2.e	I can show how the water cycle relates to the water supply in my community.
Weather	
2.1.a	I can identify the four basic cloud types.
2.1.b	I can identify and use weather instruments to observe and predict weathering.
2.1.c	I can describe the properties of air.
2.2.a	I can compare seer weather to normal weather conditions.
2.2.b	I can record, graph, and interpret weather data.
2.2.c	I can infer the relationship between wind and weather changes.
2.3.b	I describe how weather and forecasts affect people's daily lives.
2.3.c,d,e	I can predict and justify weather predictions.

Rocks, Minerals, and Soil	
3.1.a	I can identify and describe the differences between minerals and rocks.
3.1.b,c,d	I can classify rocks as sedimentary, igneous, and metamorphic.
3.2.a,b	I can distinguish between weathering and erosion.
3.2.c,d.	I model and give examples of weathering and erosion taking place.
3.3	I can identify the different layers of soil, and relate it to soil samples.

3.3.a	I can identify the components of soil.
3.3.b	I can model and identify layers of a soil profile.
3.3.c	I can explain how plants help control the erosion of soil.
3.3.d	I can set up experiments to show how plants can grow without soil.
Fossils	
4.1.a	I can identify fossils and compare them to living organisms.
4.1.b	I can describe the 3 ways fossils are formed in sedimentary rock.
4.1.c	I can show where fossils are located in Utah and place them on a map.
4.2.a	I can use fossils to make inferences ab life, climate, geology, and environment.
4.2.b	Using fossils, I can infer how Utah's environment has changed over time.
4.2.c,d	I can give two scientific explanations for the extinction of dinosaurs and prehistoric organisms.
Utah's Biomes	
5.1.a	I can compare the physical characteristics of Utah's wetlands, forests, and deserts.
5.1.b	I can identify plans and animals in each biome.
5.1.c,d,e	I can locate and model the three environments of Utah.
5.2.b	I can describe animal and plant adaptations to survive in the environment in which they live.
5.2.c	I can describe interactions between plants and animals in each biome.

5.2.d	I can identify the effects of elevations on plants and animals.
5.2.e	I can identify endangered species in Utah and give examples of how to protect them.
5.3.a,b	I can classify Utah plants and animals using a key.
5.4.a	I can observe and record behavior of Utah plants and animals.
5.4.a	I can explain the difference between hibernation and migration.
5.4c	I can research and write a report about the behavior of Utah fish.
5.4d	I can compare the structure and behavior of Utah amphibians and reptiles.
5.4e	I can classify Utah's common insects and spiders.