

State Goal	State Objective	Essential Question	Learner skills - e.g. "explain", "compare", "interpret". Can have more than 1 skill per box	Content - e.g. chapter, unit, section	Activities	Assessments	Month Started	Week Started	Technology	Vocabulary	Grade	Course	State Prefix
1.1: Understand Systems, Order, and Organization	1.1.1 Analyze different systems. (618.01.a)	What are the characteristics of an ecosystem? What are the kingdoms of organisms and how are they subdivided?	Categorize living elements of an ecosystem as members of a population, a community, and an ecosystem. Explain the characteristics that scientists use to classify plants and animals.	Ecosystems C6 -11 Classification A 42 - 56	Investigation on C4 - 5 Wksh. WB 81 Investigation A 40-41 and 50-51 wksh. WB 18, 19, and 23	Informal assessment of lab and worksheets	May April	31 - 32 27 - 28	Video	environment, biotic, abiotic, habitat, population, community, ecosystem, niche, classification, genus, and species	6	Science	6.S.
1.2: Understand Concepts and Processes of Evidence, Models, and Explanations	1.2.1 Explain how observations and data are used as evidence on which to base scientific explanations and predictions. (618.02.a)	How do we know that Earth's plates move?	Explain how scientists have used fossils and rocks to support plate movement.	Movement of Earth's Crust D 4/5 and D 12/13	Investigations on D 4/5 and D 12/13, World Map activity	Informal assessment of lab and worksheets	September	3	Video	inner core, outer core, mantle, crust, plate tectonics, and plate boundaries	6	Science	6.S.
1.2: Understand Concepts and Processes of Evidence, Models, and Explanations	1.2.2 Use observations to make inferences. (618.02.b)	How do we know atoms exist?	Investigate how to infer the characteristics of an object you can't observe.	Atoms, Elements, and Compounds E 4/5	Investigation on E 4/5	Informal assessment of lab and lab worksheet	October	6 - 8	Video	atom, infer, and hypothesize	6	Science	6.S.
1.2: Understand Concepts and Processes of Evidence, Models, and Explanations	1.2.3 Use models to explain or demonstrate a concept. (618.02.c)	What are Earth's layers? How do Earth's plates move?	Compare and contrast the Earth's layers. Explain how Earth's plates move.	Movement of Earth's Crust D 4/5 and D 12/13	Investigations on pages D 4/5 and D 12/13	Informal assessment of lab and worksheets	September	1 - 2	Computer - volcanoes and earthquakes	inner core, outer core, mantle, crust, plate tectonics, and plate boundaries	6	Science	6.S.
1.3: Understand Constancy, Change, and Measurement	1.3.1 Analyze changes that occur in and among systems. (618.03.b)	What changes occur in the rock cycle?	Explain the processes by which rocks are formed one from another.	Rocks and the Rock Cycle D64 - 67	Examine various rock samples. Complete a flow chart showing how rocks can change.	Informal assessment of lab, their flow charts, and wkshs. WB158 and 159	October	4 - 5		rock cycle, metamorphic, igneous, and sedimentary	6	Science	6.S.
1.3: Understand Constancy, Change, and Measurement	1.3.2 Measure in both U.S. Customary and International System of Measurement (metric system) units with an emphasis on the metric system. (618.03.c)	What's the average rainfall in a Rain Forest and in Cascade?	Compare the average rain fall in a rain forest and in Cascade.	Ecosystems C4/5	Investigation on C 4/5	Informal assessment of lab and worksheets	May	31 - 32	Use computer to locate data for their graphs	double-bar graph	6	Science	6.S.