Alternate Assessment Curriculum Map

7th Grade Common Core Standards

Science

Unit Title	Length	Objectives	Assessment	Alt. Standard	Resources
Use or revise a model to describe the cycling of water through Earth's systems (land, ocean and atmosphere) driven by energy from the sun and the force of gravity.	3 weeks More time allowed as needed, per each students individual needs.	Demonstrate their understanding of the water cycle and how it effects the environment by graphically depicting and describing the water cycle. Students will explain each part of the water cycle. Students will use the Internet for research about the water cycle.	Fill in the blank Short answer Multiple choice	Grade7 Earth Science Alternate K PREP Aligned to KCAS for Science	Charts Tables Models Objects for classification Video clips Collaboration w/Reg. Ed. Online Printables Grade level materials.
Define the criteria and constraints of a design problem to ensure a successful solution, and potential impacts on people and the environment that may limit possible solutions.	3 weeks More time allowed as needed, per each students individual needs.	Students demonstrate an understanding of the Technological Method of Problem Solving. Students are able to apply the Technological Method of Problem Solving to a real-life problem.	Fill in the blank Short answer Multiple choice	Grade7 Engineering and Technology Alternate K PREP Aligned to KCAS for Science	Charts Tables Models Objects for classification Video clips Collaboration w/Reg. Ed. Online Printables Grade level materials.
Support a scientific explanation to describe how environmental factors influence the growth of organisms (plants and animals).	3 weeks More time allowed as needed, per each students individual needs.	Students will name the four factors necessary for animals to survive. Students will define herbivore, carnivore, and omnivore. Students will comprehend the concept of an animals habitat.	Fill in the blank Short answer Multiple choice	Grade 7 Life Science 1 Alternate K PREP Aligned to KCAS for Science	Charts Tables Models Objects for classification Video clips Collaboration w/Reg. Ed. Online

					Printables Grade level materials.
Compare patterns of interactions among organisms in different ecosystems (interactions include competition, predatory, and mutually beneficial).	3 weeks More time allowed as needed, per each students individual needs.	Students will describe the things animals need to survive and the ways in which animals depend on other animals and plants. Look at pictures of endangered animals, and explain what they think might happen to other animals and plants if these animals became extinct.	Fill in the blank Short answer Multiple choice	Grade 7 Life Science 2 Alternate K□ PREP Aligned to KCAS for Science	Charts Tables Models Objects for classification Video clips Collaboration w/Reg. Ed. Online Printables Grade level materials.
Interpret data on the characteristic physical and chemical properties of substances before and after the substances interact to determine if a chemical reaction has occurred.	3 weeks More time allowed as needed, per each students individual needs.	Students will think about matter in a different way. Students will see things happening around them and be able to characterize them as chemical of physical changes.	Fill in the blank Short answer Multiple choice	Grade 7 Physical Science 1 Alternate K□ PREP Aligned to KCAS for Science:	Charts Tables Models Objects for classification Video clips Collaboration w/Reg. Ed. Online Printables Grade level materials.
With peer or teacher support plan an investigation and use evidence to determine how change in an object's motion depends on the net force on the object and the mass of the object.	3 weeks More time allowed as needed, per each students individual needs.	Describe how force affects the motion of an object. Explain the relationship between the motion of an object and the net external force acting on the object. Describe an object's acceleration in terms of its mass and the net force acting on it. Predict the direction and magnitude of the acceleration caused by a known net force.	Fill in the blank Short answer Multiple choice	Grade 7 Physical Science 2 Alternate K□ PREP Aligned to KCAS for Science	Charts Tables Models Objects for classification Video clips Collaboration w/Reg. Ed. Online Printables Grade level materials.