

4th Grade Science Course 1: Organisms & Energy in Ecosystems Proficiency Sheet

Lessons	Topics	Learning Target	Activities	Score/%	Date taken
Pretest			Course 1: Organisms & Energy in Ecosystems Pretest (fsicourses.net)		
1.0 The Scientific Method	Scientific Method	<i>I can describe and explain the steps of the scientific method.</i>	1. Scientific Method Pretest (fsicourses.net)		
			2. Steps of The Scientific Method video notes (liveworksheets.com)		
			3. Scientific Method Interactive Activity (liveworksheets.com)		
			4. Penny Drop Lab (Coach Spivey print out)		
			5. Bubble-ology Scientific Method Lab (Coach Spivey print out)		
			6. Scientific Method Post test (fsicourses.net)		
1.1 Roles of Organisms & Flow of Energy in Communities	Roles of Producers, Consumers, & Decomposers in a Community	<i>I will be able to describe and explain the roles of producers, consumers, and decomposers in a community.</i>	1. Roles of Producers, Consumers, & Decomposers Pretest (fsicourses.net)		
			2. Roles of Producers, Consumers, & Decomposers video notes (liveworksheets.com)		
			3. Identifying Producers, Consumers, & Decomposers Interactive (liveworksheets.com)		
			4. Create Your Own Roles of Organisms Model (Coach Spivey print out)		
			5. Roles of Producers, Consumers, & Decomposers Post test (fsicourses.net)		

	Flow of Energy through Food Chains & Food Webs	<i>I will be able to describe and explain the flow of energy through a food chain and food web beginning with sunlight and including producers, consumers, and decomposers.</i>	1. Flow of Energy through Food Chains & Food Webs Pretest (fsicourses.net)		
			2. Flow of Energy in Food Chains & Food Webs Video Notes (liveworksheets.com)		
			3. Food Chains Drag & Drop Interactive (liveworksheets.com)		
			4. Food Chains Interactive Review (liveworksheets.com)		
			5. Food Webs Interactive Review (liveworksheets.com)		
			6. Soda Energy Transfer Activity (Print out)		
			7. Energy Pyramid Foldable 1 (Print out)		
			8. Create Your Own Food Chain/Food Web Model (Coach Spivey Print Out)		
			9. Flow of Energy through Food Chains & Food Webs Post test (fsicourses.net)		

	Effects of Change on an Ecosystem	<i>I will be able to describe and explain the effects of a change on living and non-living factors on an ecosystem.</i>	1. Effects of Change on Ecosystems Pretest (fsicourses.net)		
			2. How do Changes Effect Ecosystems Video Notes (liveworksheets.com)		
			3. How do Changes Effect Ecosystems Interactive (liveworksheets.com)		
			4. Ecosystem Changes Anchor Charts (Coach Spivey print out)		
			5. Effects of Change on Ecosystems Post test (fsicourses.net)		
	Changes to the Flow of Energy in an Ecosystem (Scarcity, Extinction, Overabundance)	<i>I will be able to describe and explain how changes to the flow of energy can have effects on an ecosystem.</i>	1. Ecosystem Changes (Scarcity, Extinction, Overabundance) Pretest		
			2. Ecosystem Changes Video Notes (liveworksheets.com)		
			3. Ecosystem Changes Review (liveworksheets.com)		
			4. Scarcity, Extinction, Overabundance Presentation Boards Activity (Print out)		
			5. Ecosystem Changes Post test (fsicourses.net)		
Post test			Course 1: Organisms & Energy in Ecosystems Post test (fsicourses.net)		