

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

| 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) | | |