

| Grade | Strand | Topic | Content Statement | ASWCD Coordinating Education Program |
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| Kindergarten | Life Science | Physical and Behavioral Traits of Living Things | Living things are different from nonliving things. Living things have physical traits and behaviors, which influence their survival. | Stream Health Exploration River Insects Will Travel |
| Kindergarten | Life Science | Physical and Behavioral Traits of Living Things | Compare a variety of living things (e.g., birds, mammals, insects, arachnids, grasses, trees) that are similar but not the same species and make a list of differences and similarities. | Stream Health Exploration River Insects Will Travel |
| Grade Three | Earth and Space Science | Earth's Resources | Recognize that some of Earth's resources are limited and need to be conserved. | The Sliding Soil Tree Seedling Give- Away |
| Grade Three | Physical Science | Matter and Forms of Energy (Soil) | Recognize that matter continues to exist when broken into pieces too tiny to be visible. | Soil Samples can be provided for in-class texturing and porosity labs. |
| Grade Four | Earth and Space Science | Earth's Surface | Identify the processes that can change the surface of Earth. | The Sliding Soil |
| Grade Four | Earth and Space Science | Earth's Surface | Compare and contrast erosion and deposition. | The Sliding Soil |
| Grade Five | Life Science | Interconnections within Ecosystems | Compare the roles of producers, consumers and decomposers and explain how they work together within an ecosystem. | Stream Health Exploration River Insects Will Travel |
| Grade Six | Earth and Space Science | Rocks, Minerals and Soil | Differentiate between the different soil horizons (O, A, B and C) using the standard composition of each. | Soil horizon diagrams can be provided for in-class use. |
| Grade Six | Earth and Space Science | Rocks, Minerals and Soil | Use specific tools to measure soil characteristics and properties (e.g., permeability, porosity, texture, color). | Soil horizon diagrams can be provided for in-class use. |
| HS | Environmental Science | Earth's Resources | Design and conduct a field investigation that concentrates on a specific environmental problem. | Water Testing Stream Health Exploration River Insects Will Travel Watershed Overview |

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| HS | Environmental Science | Global Environmental Problems and Issues | Plan and implement an investigation to determine the water quality of a section of a local stream. This includes researching and conducting standard water-quality tests and how to analyze the results. | Water Testing Stream Health Exploration River Insects Will Travel Watershed Overview |
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