

Activity Guide	Page	Activity Title	Grade Level	Science Standard (ODE Page Number)	Content Statement	Content Elaboration
Healthy Water, Healthy People	174	Invertebrates as Indicators	Grade 7	LS (Page 220)	Ecosystems are dynamic in nature; the number and types of species fluctuate over time. Inadvertent, to the physical (abiotic) or biological (biotic) components of an ecosystem impact the composition of an ecosystem.	As one population proliferates, it is held in check by one or more environmental factors (e.g., depletion of food or nesting sites, increased loss to predators, invasion by parasites).
Healthy Water, Healthy People	15	From H to OH	Grade 6	PS (Page 187)	All matter is made up of small particles called atoms.	All matter is made up of atoms, which are particles too small to be seen.
Healthy Water, Healthy People	21	Pollution - Take It Or Leave It	Grade 7	ESS (Page 205)	The hydrologic cycle illustrates the changing states of water as it moves through the lithosphere, biosphere, hydrosphere and atmosphere.	The different pieces of the hydrologic cycle (e.g., properties of water, changes of state, relationships of water to weather, effects).
Healthy Water, Healthy People	83	Turbidity or Not Turbidity	Grade 4	ESS (Page 114)	The surface of Earth changes due to erosion and deposition.	Erosion is a process that transports rock, soil or sediment to a different location.
Healthy Water, Healthy People	155	Benthic Bugs and Bioassessment	Grade 4	LS (Page 117)	Changes in an organism's environment are sometimes beneficial to its survival and sometimes harmful.	Ecosystems are based on interrelationships among and between biotic and abiotic factors.
Healthy Water, Healthy People	61	A Snapshot In Time	Grade 4	ESS (Page 107)	Earth's surface has specific characteristics and landforms that can be identified.	Beginning to recognize common landforms or features through field investigations, field trips, topographic maps, remote sensing data, aerial photographs, physical geography maps and/or photographs (through books or virtually) are important ways to understand the formation of landforms and features.

