

Books to supplement TIC program

National Trout Unlimited has a wonderful list of books including their descriptions. You can locate their list at this link: <http://www.troutintheclassroom.org/teachers/library>

FORESTRY

GEOLOGY

SOILS

TROUT

WATERSHEDS

WATER CYCLE

WILDLIFE

Forestry	
<i>Elementary school</i>	
	Anthony, Joseph. <i>In a Nutshell</i> . Nevada City, AL: Dawn Publications, 1999. (The life cycle of an acorn)
	Grant, Tim, and Gail Littlejohn. <i>Greening School Grounds: Creating Habitats for Learning</i> . New Society Publishers, 2001. (Promotes hands-on, interdisciplinary learning through projects that benefit schools and increase green space)
	Shetterly, Susan. <i>Shelterwood</i> . Tilbury House Publishers, 2003. (How big trees protect the smaller trees; how the natural world nourishes people)
	Tresselt, Alvin. <i>The Gift of the Tree</i> . New York: Harper Collins Publishers, 1992. (Role of an oak tree in the cycle of nature)
<i>Middle school</i>	
	Rapp, Valerie. <i>Life in an Old Growth Forest</i> . Minneapolis: Lerner Publishing Group, 2003. (Describes the ecosystem of the Douglas fir)
	Reed-Jones, Carol. <i>The Tree in the Ancient Forest</i> . Nevada City, CA: Dawn Publications, 1995. (Interdependence, biological diversity and forest ecology)
	Shetterly, Susan. <i>Shelterwood</i> . Tilbury House Publishers, 2003. (How big trees protect the smaller trees; how the natural world nourishes people)

[BACK TO TOP](#)

Geology	
<i>Elementary school</i>	
	Blobaum, Cindy. <i>Geology Rocks! 50 Hands-on Activities to Explore the Earth</i> . Vol. 6. Ideals Publications, 1999. (Presents fifty hands-on activities to introduce the science of geology)
	Thorson, Kristine, and Robert Thorson. <i>Stone Wall Secrets</i> . Tilbury House Publishers, 2003. (Geologic history of stones)
<i>Middle school</i>	
	Blobaum, Cindy. <i>Geology Rocks! 50 Hands-on Activities to Explore the Earth</i> . Vol. 6. Ideals Publications, 1999. (Presents fifty hands-on activities to introduce the science of geology)
	Thorson, Kristine, and Robert Thorson. <i>Stone Wall Secrets</i> . Tilbury House Publishers, 2003. (Geologic history of stones)
<i>High school</i>	
	Dixon, Dougal. <i>The Practical Geologist</i> . London: Quatro Inc., 1992. (A guide to the basics of geology, collecting and identifying rocks)

[BACK TO TOP](#)

Soils	
<i>Elementary school</i>	
	Appelhof, Mary, Mary Frances Fenton, and Barbara Loss Harris. <i>Worms Eat Our Garbage: Classroom Activities for a Better Environment</i> . Flower Press, 1993. (Provides over 150 worm-related activities to develop problem-solving and critical-thinking skills)
	Bial, Raymond. <i>A Handful of Dirt</i> . Walker, 2000. (Discusses how soil is transformed into clothes, food, homes, and more)
	National Science Teachers Association. <i>Dig In!: Hand's On Soil Investigation</i> . Arlington: National Science Teachers Association Press, 2001. (Provides classroom-tested lesson plans, stories, and activities about soil formation, habitats, and land use)
	Silverstein, Alvin, and Virginia Silverstein. <i>Life in a Bucket of Soil</i> . 2nd ed. New York: William Morrow and Company, 1972. (How ants, snails, slugs, beetles, and other subterranean creatures live, breed, interact, move about, and more)
<i>Middle school</i>	
	Silverstein, Alvin, and Virginia Silverstein. <i>Life in a Bucket of Soil</i> . 2nd ed. New York: William Morrow and Company, 1972. (How ants, snails, slugs, beetles, and other subterranean creatures live, breed, interact, move about, and more)

[BACK TO TOP](#)

Trout	
<i>Elementary school</i>	
	Sanders, Scott Russell, and Robert Hynes. <i>Crawdadd Creek</i> . National Geographic Society, 2002. (Introduces the amazing variety of wildlife that can be found in and around a backyard creek)
	Sayre, April Pulley. <i>Trout Are Made of Trees</i> . Watertown, MA: Charlesbridge, 2008. Print. (Provides information about the trout life cycle as well as conservation efforts)
<i>Middle school</i>	
<i>High</i>	Arnosky, Jim. <i>A Freshwater Fish & Fishing</i> . (Describes different varieties of freshwater fishes and instructs how to catch them)
	Hyde, Dayton O. <i>The Major, the Poacher, and the Wonderful One-Trout River</i> . Honesdale, Pennsylvania: Boyds Mills Press, 1985. (Chapter book, young adult fiction)
	Prosek, James. <i>Trout of the World</i> . New York: Stewart, Tabori & Change, 2003. Print. (Provides a historical profile of each fish along with personal reflections by the author)
	Stolz, Judith. <i>Trout (Wildlife Series)</i> . Harrisburg: Stackpole Books, 1991. (Trout ancestry, physiology, environment, and habits)
	Weddle, Linda Massey. <i>T.J. and the Big Trout River Vandals</i> . Schaumburg, Illinois: Regular Baptist Press, 1991. (Chapter book, young adult fiction)
	Arnosky, Jim. <i>A Freshwater Fish & Fishing</i> . (Describes different varieties of freshwater fishes and instructs how to catch them)
	Prosek, James. <i>Trout of the World</i> . New York: Stewart, Tabori & Change, 2003. Print. (Provides a historical profile of each fish along with personal reflections by the author)
	Stolz, Judith. <i>Trout (Wildlife Series)</i> . Harrisburg: Stackpole Books, 1991. (trout ancestry, physiology, environment, and habits)
	<i>Naturals: A Guide to Food Organisms of the Trout</i>
	<i>About Trout: The Best of Robert Behnke from Trout Magazine</i>
	<i>The Mind of the Trout: A Cognitive Ecology for Biologists and Anglers</i>

[BACK TO TOP](#)

Watersheds	
<i>Elementary school</i>	
	Cherry, Lynne. <i>A River Ran Wild</i> . New York: Harcourt Brace and Company, 1992. (Story about a once polluted watershed and how it was saved)
	Fourment, Tiffany. <i>My Water Comes From the Mountains</i> . Roberts Rinehart Publishers, 2004. (Watersheds, human use, and how to protect)
	Giono, Jean. <i>The Man Who Planted Trees</i> . Chelsea Green Publishing Company, 1985. (One man works to reforest destroyed land)
	Locker, Thomas. <i>Where the River Begins</i> . New York: Penguin Group, 1984. (Children set out to find a river's origin)
	Michael, Pamela, ed. <i>River of Words: Young Poets and Artists on the Nature of Things</i> . Milkweed Editions, 2008. (Winners of the River of Words organization art and poetry contest)
<i>Middle school</i>	
	Dobson, Clive, and Gregor Gilpin Beck. <i>Watersheds: A Practical Handbook for Healthy Water</i> . Buffalo, NY: Firefly Books Ltd., 1999. (Watershed Ecology)
<i>High</i>	
	Dobson, Clive, and Gregor Gilpin Beck. <i>Watersheds: A Practical Handbook for Healthy Water</i> . Buffalo, NY: Firefly Books Ltd., 1999. (Watershed Ecology)
	<i>Stream Ecology: Structure and function of running waters</i>
	<i>Stream Hydrology: An Introduction for Ecologists</i>
	<i>Methods in Stream Ecology, Second Edition</i>

[BACK TO TOP](#)

Water cycle	
<i>Elementary school</i>	
	Brotak, Edward. <i>Wild About Weather: 50 Wet, Windy & Wonderful Activities</i> . Lark Books, 2005.
	Burns, Deborah, ed. <i>Weather!</i> Rebecca Rupp, 2003.
	Locker, Thomas. <i>Water Dance</i> . New York: Voyager Books, 2002. (Water Cycle)
<i>Middle school</i>	
	Brotak, Edward. <i>Wild About Weather: 50 Wet, Windy & Wonderful Activities</i> . Lark Books, 2005.
	Burns, Deborah, ed. <i>Weather!</i> Rebecca Rupp, 2003.
	Clarke, Robin. <i>The Water Atlas: A Unique Visual Analysis of the World's Most Critical Resource</i> . The New Press, 2004.
<i>High</i>	
	Clarke, Robin. <i>The Water Atlas: A Unique Visual Analysis of the World's Most Critical Resource</i> . The New Press, 2004.

[BACK TO TOP](#)

Wildlife	
<i>Elementary school</i>	
	Rice, David. <i>Lifetimes</i> (introduces some of nature's longest, shortest, and most unusual lifetimes)
	McKinney, Wallace. <i>Pass the Energy Please!</i> (rhyming story that describes the roles of herbivores, carnivores, and decomposers)
	Wadsworth, Ginger. <i>River Discoveries</i> . (take a look at 13 animals that depend on the river for food and shelter then compare them to PA wildlife)
	Kitchen, Ransford. <i>Animal Lives, The Otter</i> . (how river otters hunt and what is their life cycle? Do they really play?)
	George, Lindsay. <i>Around the Pond: Who's Been Here?</i>
	George, Lindsay. <i>In the Woods: Who's Been Here?</i>
	George, Lindsay. <i>In the Snow: Who's Been Here?</i>
<i>Middle school</i>	
	<i>PA's Wildlife: A Viewers Guide</i> (from the PA Game Commission outdoor shop under books)
	<i>Wildlife of PA and the Northeast</i> (from the PA Game Commission's outdoor shop under books)
<i>High</i>	
	<i>A Guide to Common Freshwater Invertebrates of North America</i>
	<i>Hatches II: A Complete Guide to the Hatches of North American Trout Streams</i>
	<i>Aquatic Entomology: The Fishermen's Guide and Ecologists' Illustrated Guide to Insects and Their Relatives</i>

[BACK TO TOP](#)