

YORK SOIL & WATER CONSERVATION DISTRICT

2016/17 SCHOOL PROGRAMS

For more information, contact **Barbara O'Connell**
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Classroom Presentations

Each guest speaker presentation listed below will be tailored to specific science standards and grade level specified by the requesting teacher—to request, **please use the form on page 4** of this newsletter. Programs cost \$40 per classroom to offset cost of supplies and travel. (except garden lesson series -see page 2 for details)

TOPIC	GRADE	STANDARDS	ACTIVITY
From Seed to Plant	K, 1	Basic needs of plants, seeds, germination.	Plant seeds or beans in cups, read related book
Plant parts	1	Identify plant parts & functions	Sort vegetables by part we eat
School Gardens	1	Plant parts & function	8 lesson series includes planting a vegetable garden (see details, p 2)
Rocks & Soil	3	Rock cycle, earth composition, soil texture, erosion,	Identify rocks, demonstrate watershed model (see below)
Wings & Beaks, All About Birds	2,4	Bird adaptations, diversity, what makes a bird a bird	Make a bird feeder.
Water Cycle	4, 6	Water cycle, water quality	Assemble water cycle wheel
Habitats/ Ecosystems	3, 5, 7	Habitats, basic needs of animals, limiting factors	“Oh Deer” habitat simulation game
Food Chains & Webs	3, 5	Producers, consumers, decomposers, predators, prey	Food chain simulation game or dissect owl pellets
Worm bin Composting	any	Decomposition, worm anatomy, waste reduction by recycling food scraps into compost	Demonstration of worm composting bin, or class can construct their own worm bin
Watersheds & Soil	5, 7	Soil characteristics, watersheds, water quality & quantity, pollution, runoff	Demonstrate watershed model, or conduct “Dragonfly Pond” group activity

ENVIROSCAPE Watershed Model, pictured at right, is a model used to demonstrate watersheds, soil and water conservation, erosion, pollution and habitats. The Enviroscape can be demonstrated alone or in conjunction with one of the above lessons.

