

2026 Lancaster Middle School Envirothon

Backyard Conservation Study List

Wildlife	Soils
Gray Squirrel – track, skull	Soil Biodiversity
White-footed Mouse	Soil Chemistry
White-tailed Deer - track	What is Soil Health?
Southern Flying Squirrel	Soils and Plants
Feral House Cat	Soil Components
Little Brown Bat - skull	Soil pH
American Robin – call	Soil Texture
Ruby-throated Hummingbird	Bedrock Layers: Limestone & Sandstone
House Wren - call	PA State Soil: Hazelton
Northern Flicker - call	Soils & Society: Art, Culture, Literature, Health
Cooper’s Hawk	
Gray Catbird - call	
English House Sparrow	

Aquatics	Forestry
Caddisfly	Northern White Cedar
Freshwater Clams and Mussels	Blue Spruce
Crayfish	Pin Oak
Dragonfly and Damselfly	Downy Serviceberry
Dobsonfly	Silver Maple
Mayfly	American Sycamore
Freshwater Shrimp/Scud	Virginia Creeper
Stonefly	Eastern Redbud
Sowbug	Common Lilac
Planaria	Winterberry
Cranefly	American Holly
What is a Macroinvertebrate?	Japanese Maple
Nonpoint Source Pollution	American Beautyberry
Stream Order	Spotted Lanternfly