



Aquatics Resources for 3rd & 4th grades

Testing Resources:

- 1.) Species List
- 2.) ENA or ELPA?
- 3.) Play: *Watershed and Stream Order, Introduction to Amphibians, Introduction to Reptiles, Six Legs Underwater, Beautiful Bufo*
- 4.) Smart Angler's Notebook: *Dragons & Damsels, Macroinvertebrate Feeding Frenzy*
- 5.) Creek Connections: *Backswimmer, Water Boatman, Damselfly, Dragonfly*
- 6.) Portrait of a Painted Turtle
- 7.) The Bullfrog
- 8.) The Snapping Turtle
- 9.) Collecting Critters
- 10.) Penn State *West Nile Virus*
- 11.) Penn State *Mosquito Biology and Control*
- 12.) West Nile Virus and Wetlands

Species List:

Eastern American Toad	Backswimmer	Dragonflies	Painted Turtle
Bullfrog	Water Boatman	Damselflies	Snapping Turtle
Mosquitoes			

Focus:

- Be able to define a pond or lake by its characteristics.
- Be able to identify the study species by live sample, photo or drawing.
- Understand the life cycle (complete & incomplete metamorphosis) for each species.
- Understand natural history of each species (where it lives, how it feeds, etc.).
- Understand the laws about collecting aquatic insects, amphibians and reptiles.
- Understand the relationship of mosquitoes in transmitting diseases.

Example Question:

Which amphibian lays its eggs in a pond, but lives in a forest?

- A. Eastern American Toad B. Bullfrog