



Aquatics Resources for 5th - 8th Grades

Testing Resources:

1. Species List
2. PA FBC Amphibians and Reptiles Book: Just species on list
3. PA Fish Book: Just species on list
4. Allegheny College Creek Connections: Just species on list
5. Are You A Stream Reader?
6. River Anatomy
7. Why Do We Need Healthy Rivers?
8. Water Temperature and Fish
9. A River Flows Through It
10. Play: All About Fish
11. Smart Anglers Notebook: Fish Colors
12. Vocabulary list
13. PA's Threatened and Endangered Fishes: Middle School Event Only
14. Great Fishing Needs Great Habitat (pgs. 44-45 Stream Projects and Dam Removal) Middle School Event Only

Species List:

Fish	Amphibians/Reptiles	Macroinvertebrates
Sculpins	Northern Dusky Salamander	Case Building Caddisfly larvae
Blacknose Dace	Mountain Dusky Salamander	Crane fly larvae
Longnose Dace	Northern Two-Lined Salamander	Crayfish
Brown Trout	Northern Spring Salamander	Stonefly nymph
Brook Trout	Common Snapping Turtle	Water penny larvae
Muskellunge	Stinkpot Turtle	Mayfly nymph
Pumpkinseed	Redbellied Turtle	Water strider

Focus:

- Understand the characteristics of streams and rivers including stream order.
- Know stream and river habitats.
- Understand the importance of healthy streams.
- Comprehend fish anatomy, how fish swim and fish colors.
- Be able to identify the study species by live sample, photo or drawing.
- Understand the biology of study species including life cycle and preferred habitat.

Sample Question(s):

- 1) If you were fishing for brook trout which of the following streams would you use?
 - a) Slow moving deep stream. **b) Cold fast-moving headwater stream.**
 - c) Wide warm river.

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