

Aquatics Study Resource Cover Sheet

3rd - 4th Grade

Testing Resources:

1. Rivers & Streams
2. Who Lives in Moving Water
3. A Dive into Stream Ecology
4. Stream Order
5. Watersheds and the Water Cycle
6. Benthic Macroinvertebrates – Why do we monitor them?
7. Mussels & Eels – The Odd Couple!
8. Stonefly
9. Dobsonfly
10. Brook Trout
11. Smallmouth Bass

Focus:

- Understand the physical features of the moving water of rivers and streams.
- Be familiar with watersheds, the water cycle, and stream orders.
- Understand the relationship between aquatic macroinvertebrates and water quality.
- Understand the relationship between eels and mussels.
- Be able to identify and recognize study species listed on resource sheet. Be able to ID it by description, photo, illustration, or live specimen. Students *will not* have to identify species mentioned in the rest of the resources that are not listed in the “Species Study List” below.

Species Study List:

Stonefly	Dobsonfly
Brook trout	Smallmouth bass
American eel	Freshwater mussel

Sample Questions:

Which habitats have more oxygen in their waters?

- A. Streams & Rivers**
- B. Lakes & Ponds

Which are the larger streams?

- A. First Order Streams
- B. Second Order Streams**

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