BugWorks Work Sheet

Vocab Work Bank

Pollution, Rapids, Riffles, Aerated, Benthic, Macro, Invertebrate, Adaptations, Exoskeletons, Fluid Dynamic, Upriver, Larva, Pollution index, Taxa, Pollution Intolerant, Pollution Tolerant

 A deeper, fast-flowing and turbulent part of the course of a river.

 Large enough to see with the naked eye.

 A category, like a species or genus.

 A biological change that fits the organism to its environment.

 A rigid external covering for the body in some invertebrate animals.

 The process by which air is circulated through, mixed with or dissolved in a liquid.

 The ecological region at the lowest level of a body of water.

 An animal lacking a backbone.

 The active immature form of an insect.

 A measure or classification of pollution.

 Streamlined shape that allows water to flow around easily.

 A rocky or shallow part of a stream or river with rough water.

 At or toward a point nearer the source of a river.

 The presence of a substance or thing that has harmful or poisonous effects.

 Organisms that require good water quality to survive.

 Organisms that do not require good water quality to survive.

1. What are benthic macroinvertebrates and why are they important?
2. What are some of the structural features we should look for to help with identification? How do these underwater creatures breathe?
3. What factors in the stream and the surrounding area do you think affect the quality of life in the water positively or negatively?