2.2c Macroinvertebrate Card Sort Worksheet

Name: _____

Pre-thinking

1. What types of things we can find in streams and rivers?

Categorizing

2. **How many** card groups did your team chose to create? **Give reasons** for how organisms were put in each card group.

Analysis/Revision

3. What are the **similarities and differences** in the ways teams chose to group the cards?

4. What **grouping systems seem to be stronger**, or tell you more about, the relationships between the organisms?

5. What **characteristics** do you think are the most important for grouping, and **why**?

6. How might classifying macroinvertebrates (or any group of organisms) be **helpful for scientists**?

Digging Deeper

7. Read **2.2b Indicators: Benthic Macroinvertebrates**

What I think	What my partner thinks	What we will share
What is a Biological Indicator?		
What are some reasons macroinvertebrates are good biological indicators?		

8. What are some **common characteristics** for each tolerance group?

Group 1: Sensitive	Group 2: Somewhat Sensitive	Group 3: Tolerant

9. Choose **1-2 common characteristics** you listed and **provide a reason** for why that characteristic would make an organism sensitive or tolerant.

10. After looking at the cards, what are some **new questions** you have about aquatic insects or how organisms live in streams?

11. Consider what we have just learned about macroinvertebrates habitats. If we want to capture macroinvertebrates from our stream, **what are some potential things we should include when building a trap/habitat that would attract the most macroinvertebrates**?