Stream Bioassessments, Part A

Learning Module #16

**Opening Activity**

Question 1:

Question 2:

Stream Bioassessments, Part A

Learning Module #16

**All About Macroinvertebrates**

*Directions*:

For each of your macroinvertebrates, you will create one PowerPoint slide. Each macroinvertebrate slide should contain:

1. Common name of macroinvertebrate (e.g., “Mayflies”)
2. Two images (make sure to provide image credit)
3. Two facts
4. Pollution tolerance:

-Sensitive (low tolerance)

-Somewhat sensitive (medium tolerance)

-Tolerant (high tolerance)

While presenting:

* You will have one minute (tops!) to present each of your slides/macroinvertebrates.

While watching the presentations:

* For each macroinvertebrate slide, use the chart on your lesson worksheet to write down the pollution tolerance each macroinvertebrate.
* You can also write down any other notes that you wish.

|  |  |  |
| --- | --- | --- |
| **Macroinvertebrate** | **Pollution tolerance** | **Notes** |
| Aquatic snipe flies |  |  |
| Aquatic sow bugs |  |  |
| Aquatic worms |  |  |
| Black fly larvae |  |  |
| Caddisflies |  |  |
| Clams |  |  |
| Crane Flies |  |  |
| Crayfish |  |  |
| Damselfly nymphs |  |  |
| Dobsonfly nymphs |  |  |
| Dragonfly nymphs |  |  |
| Gilled snails |  |  |
| Leeches |  |  |
| Lunged snails |  |  |
| Mayfly nymphs |  |  |
| Midge fly larvae |  |  |
| Net-spinning caddisflies |  |  |
| Riffle beetle larvae |  |  |
| Scud |  |  |
| Stonefly nymphs |  |  |
| Water penny larvae |  |  |

Stream Bioassessments, Part A

Learning Module #16

**Stream Bioassessments**

Question 1: Why do we use stream bioassessments?

*Brainstorm reasons with your group using this space:*

Question 2: What makes macroinvertebrates useful for stream bioassessments?

*Brainstorm reasons with your group using this space:*

Stream Bioassessments, Part A

Learning Module #16

**Closing Activity**

Question 1: