**Lesson Plan:** Feeding Frenzy

**Field Trip Program:** Lake Lowell (Fishing)

**Location:** Lake Lowell Park

**Intended Grade(s):** 2nd & 3rd

**Overview and Purpose:** In this adaptation of a classic tag game, students take the roles of predators (trout) and prey (aquatic macroinvertebrates) to model the relationships between predator and prey populations, and the impact of water quality on aquatic creatures.

**Critical Vocabulary:** These are terms that students should hear during the lesson. Interpretive specialists should review lesson plans and vocabulary before delivering a program, to make sure that they are able to interpret/explain these words and concepts.

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| Habitat | Macroinvertebrate | Nymph | Predators |
| Prey | **Trout** | **Mayfly** | **Dragonfly** |
| Leech | **Parasite** | **Moult** | **Water quality** |
| Pollution | **Sensitive**  | **Tolerant** | **Moderately tolerant** |