

## Sackett Brook Class Listing and Descriptions- Elementary

### **1. Introduction to Canoe Meadows**

Using maps and a powerpoint, students are introduced to the natural and human history of Canoe Meadows Wildlife Sanctuary.

### **2. Water Quality**

Students learn about water quality indicators, and perform tests for dissolved oxygen and pH.

### **3. Macroinvertebrates**

Typical macroinvertebrates are introduced and keyed, and students learn how they are used as water quality indicators.

### **4. Dams and Dam Removal**

Using stream tables, model dams, and plastic animal figures, students build and diagram the results of various weather and water events on streams.

### **5. Owl Pellets**

Working in small groups, students dissect owl pellets and calculate what an owl ate, and how many animals it eats.

### **6. Vernal Pools**

Students make their own pocket guide to vernal pools to use at Canoe Meadows.

### **7. Endangered Species**

A power point presentation about endangered species and Important Bird Areas.

### **8. Fish**

Using live fish (fathead minnows) as models, students draw and diagram the parts of a fish. Homework diagrams where different species live according to stream temperature changes.