

**“Training the Trainers”  
Sea Perch Workshop  
February 2-3, 2009**

February 2, 2009

- 8:00 Registration and breakfast
- 8:20 Welcome and training overview
- Development of SeaPerch
  - Overview of the workshop
- 8:45 Orientation to tools and work station set up
- Overview of Sea Perch Manual
  - Parts list and vendor information
  - Safety overview
  - Review of kit parts and tools used
- 9:00 Unit 1: Building the Frame
- Introduce buoyancy
- 11:00 Unit 2: Motors
- Discuss propulsion and soldering
- 12:00 *Lunch provided*
- 12:30 Complete Motors
- 1:30 Unit 3: Control Box
- Discuss control, switched, circuits, etc.
- 3:00 Adjourn for the day

February 3, 2009

- 8:30 Review and questions
- 8:45 Finish and final touches to Sea Perch
- 10:30 Monitoring the environment with the Sea Perch: Sensors, cameras, plankton nets, hydrophone, etc.
- 11:30 Test Sea Perch in classroom
- 12:00 *Lunch*
- 12:45 Testing Sea Perch in pool
- 2:00 Using Sea Perch in the Classroom
- Brainstorm integration
  - Chemistry, biology, ecology, humanities, etc.
  - Website
- 2:45 Open discussion/evaluation/questions