

Workshop Schedule

(Example, 2-day)

Day 1

- 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 SeaPerch 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 (time is approximate)*
- 12:30 - Complete Motors
- 1:30 Unit 3: Control Box
- Discuss control, switched, circuits, etc.
- 4:00 Adjourn for the day

Day 2

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

Note: For the three day workshop format, Day 1 will be split into 2 four hour sessions.