

Middle School Worksheet

Sea Perch Design Notebooks

Answers to the following questions must be included in the Sea Perch Design Notebook.

- 1) What is the definition of buoyancy?
- 2) What is the definition of neutrally buoyant?
- 3) Why is buoyancy important to consider when building an ROV?
- 4) What is ballast?
- 5) What is the minimum amount of ballast, in ounces, you need on your ROV to make it submerge while using the down thruster?
- 6) What is the maximum payload your ROV can carry in ounces?