

## Sea Perch Design Notebook

Teams must demonstrate how they worked as an engineering team and planned, constructed, and tested their Sea Perch in their *Sea Perch Design Notebook*.

Teamwork Summary Notebooks should include:

- Cover which includes the following information
  - School
  - School District
  - Team Name
  - Team Number
  - Teacher Name and Contact Information
  - Team website (if applicable)
- Title Page
- Table of Contents
- Up to 20 pages that outline the engineering design, testing and teamwork that went into building the Sea Perch
  - What naval and marine engineering principles did you research and learn to build the Sea Perch?
    - Describe any engineering concepts you found in books, online or through interviews and how it improved your Sea Perch design.
  - Develop and describe a specific task/scenario related to the theme above in which the Navy could use the Sea Perch.
  - Describe how your team demonstrated teamwork
    - Provide concrete examples of how team members worked together and how they helped other team members
  - What challenges did the team face and how did they overcome them?
  - How did the team split up responsibilities?
    - Who did what?
    - Did you encounter any problems?
  - What is the biggest lesson that the team learned?
  - What were the biggest factors of success for the team?
- Team Participant List
- Any photos, drawings, organizational charts, or any additional supporting information.
- Experiment worksheets on basic underwater principals
- Receipts for purchased materials.

Notes: Minimum font size is 12 pt and projects should use only 8 ½ “ x 11” paper

Notebooks must be turned in the day of the competition.