

Graded Competition Rules

v1

The Sea Perch competition will occur during normal class times [Block Schedule will be in effect] on Tuesday (Periods E, 1, 2, and 3) - and on Wednesday (Periods 5 and 6).

The number of teams expected to compete during each period are:

- E Period: 4 teams
- 1st Period: 5 teams
- 2nd Period: 4 teams
- 3rd Period: 4 teams
- 5th Period: 2 teams
- 6th Period: 2 teams

The order in which teams compete (within their Period) will be determined by a random draw.

Only one team at a time will have a Sea Perch ROV in the pool. No one may interfere with or assist the team that is actively competing.

Sequence:

1. The Sea Perch Mission Tree will be in place and rigged properly prior to each team being called to the Ready Position at the pool's edge. The swimmer will be out of the water.
2. When a team is called to the Ready Position, they will have two minutes to set up and conduct any pre-tests of their ROV (including placing it in the water if desired). During this 2 minute prep time, the ROV is not allowed to make any contact with the Mission Tree. [50 pt penalty if it does]
3. Upon completion of the 2 minute prep time, all equipment and team members must be staged at the pool's edge (out of the water). Each team will be provided with an unaltered tennis ball and a charged battery. A 10-second countdown will be announced for the start of the timed competition.
4. Upon hearing the word "GO" after the 10-second countdown, the team members may begin launching their ROV (and making any modifications to their tennis ball, if desired). If the ROV is going to be controlled by a team member in the pool, that member can now enter the water (and must constantly maintain direct contact with the side of the pool. Violation = 50 pt penalty).
5. The 3 Mission Tasks can be completed in any order desired. Time will stop once the ROV has completed at least one of the missions, and is back out of the water on the pool's edge (with all team members also out of the water). Point values are determined IAW the Specifications Sheet.

PENALTIES:

1. A team member is allowed to "tend" the control cable - - pulling it to retrieve any excess slack - - but may not directly affect the position/movement of the ROV. [50 pt penalty for each violation]