

JUNIOR POWER BOAT

ON THE WATER

PROGRAM OUTLINE	HANDS ON/COMPETITIONS/TESTING
<p>BOAT HANDLING Maneuvering: Docking/undocking High/low/intermediate speed operations Stopping Anchoring Right of Way</p>	<ol style="list-style-type: none"> 1. Docking & Undocking 2. Low speed maneuvering thru marked course. 3. Determine Right of Way.
<p>EQUIPMENT and SYSTEMS ENGINE SYSTEMS Electrical system Cooling system Fuel system VESSEL SYSTEMS Electrical (AC & DC) system Water system Sanitary system NAVIGATIONAL SYSTEMS Compass Electronics: GPS, Radar, Depth, Speed VHF radio</p>	<ol style="list-style-type: none"> 1. How to visually check the engine cooling system. 2. When checking the vessels DC electrical system (battery); what items would we check? 2a. Location of AC & DC fuse panels. 3. What items should be kept clear of the magnetic compass? 4. General knowledge of electronics on board. 5. Proper use of VHF radio.
<p>PILOTING Plotting a course Determining position Calculating speed/ distance/ time</p>	<ol style="list-style-type: none"> 1. Plot Course on chart and steer a compass course. 2. Determine your position; take two (2) bearings and transfer these lines of position to chart. 3. Proper use of buoys.
<p>SEAMANSHIP Lines and knots Safety equipment Fed, State and local safety requirements</p>	<ol style="list-style-type: none"> 1. Ability to tie a cleat hitch, clover hitch, bowline. 2. Line toss. 3. PFD'S, where are they located aboard ship and how to properly wear and secure PFD.