



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 Night operations</p>	<ol style="list-style-type: none"> 1. Docking & Undocking 2. Low speed maneuvering thru marked course. 3. Determine Right of Way. 4. Demonstrate night vision
<p>EQUIPMENT and SYSTEMS ENGINE SYSTEMS Electrical system Cooling system Fuel system</p> <p>VESSEL SYSTEMS Electrical (AC & DC) system Water system Sanitary system</p> <p>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? <ol style="list-style-type: none"> 2a. Location of AC & DC fuse panels. 2b. Terminal connection 2c. Chaffing 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 Health and safety</p>	<ol style="list-style-type: none"> 1. Ability to tie a cleat hitch, clove hitch, bowline. 2. Line toss. 3. PFD'S, where are they located aboard ship and how to properly wear and secure PFD. 4. Water Rescue