

# Cub Scout Nautical Training Scheme

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Boatman Badges

<b>Cub Scout</b>			
	<b>Bronze Boatman Badge</b>	<b>Silver Boatman Badge</b>	<b>Gold Boatman Badge</b>
<b>Ropework</b>	<ol style="list-style-type: none"> <li>1. Demonstrate and explain the uses of the following:               <ol style="list-style-type: none"> <li>i. Reef knot</li> <li>ii Round turn and two half hitches</li> <li>iii. Figure of eight</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. Demonstrate and explain the uses of the following:               <ol style="list-style-type: none"> <li>i. Sheet Bend</li> <li>ii. Clove hitch</li> <li>iii. Fisherman's bend</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. Coil a rope correctly and heave a line from a boat or raft</li> <li>2. Using square lashings and a figure of eight (tripod) lashings, make a simple camp or water based gadget (e.g. wash basin holder, rubbish bin stand, life jacket rack, raft, gateway)</li> </ol>
<b>Basic anchorage</b>	<ol style="list-style-type: none"> <li>1. Find out what an anchor is</li> <li>2. Help an older Sea Scout to anchor a small boat</li> </ol>	<ol style="list-style-type: none"> <li>1. Discover two types of anchor used in Sea Scouting</li> <li>2. Be able to choose an appropriate anchor for a given area (seabed can be sandy/rocky/muddy/etc)</li> </ol>	<ol style="list-style-type: none"> <li>1. Help an older Sea Scout to tie up a boat to a mooring buoy</li> <li>2. Help an older Sea Scout to up a boat alongside a quay or jetty</li> <li>3. Appreciate the importance of allowing for tides when tying up a boat to a quay or jetty</li> </ol>
<b>Water safety</b>	<ol style="list-style-type: none"> <li>1. Know the basic safety rules for swimming</li> <li>2. Appreciate the importance of being able to swim</li> <li>3. Commit to improving your swimming ability over time</li> </ol>	<ol style="list-style-type: none"> <li>1. Demonstrate how to put on a life-jacket or buoyancy aid</li> <li>2. Know how to care correctly for a life-jacket or buoyancy aid</li> <li>3. Discuss when to use a life-jacket, and when to use a buoyancy aid</li> <li>4. Describe the buddy system</li> </ol>	<ol style="list-style-type: none"> <li>1. Complete the following in relation to one or more of: - Rafting, Rowing, Sailing, Powerboating, or Canoeing:               <ol style="list-style-type: none"> <li>i. List the correct personal clothing and safety equipment for a half day's water activity</li> <li>ii. Know the main safety points relating to a particular craft"</li> </ol> </li> </ol>
<b>Water activities</b>	<ol style="list-style-type: none"> <li>1. Wear the correct clothing and safety equipment for a half-day water activity</li> </ol>	<ol style="list-style-type: none"> <li>1. Identify the standard parts, fittings and equipment of the craft</li> <li>2. Participate in the rigging and de-rigging of the craft on a least two occasions</li> </ol>	<ol style="list-style-type: none"> <li>1. Be able to enter and exit the craft correctly</li> <li>2. Take part in at least four Troop half-day water activities</li> </ol>

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<b>Navigation and very basic chartwork</b>	<ol style="list-style-type: none"> <li>Using a compass, demonstrate: <ol style="list-style-type: none"> <li>Finding Magnetic North</li> <li>Set a map or chart</li> </ol> </li> <li>Identify ten map symbols on an Ordnance Survey map or Admiralty chart of your local area, and explain their meaning</li> <li>Identify a position on a map or chart using a grid "</li> </ol>	<ol style="list-style-type: none"> <li>Appreciate the differences between: <ol style="list-style-type: none"> <li>True North</li> <li>Magnetic North</li> <li>Grid North</li> </ol> </li> <li>Using a compass, demonstrate: <ol style="list-style-type: none"> <li>Finding True North by use of Magnetic Variation</li> <li>Show how contour lines relate to height and slope of the land</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>Using a compass, demonstrate: <ol style="list-style-type: none"> <li>Take a Grid Bearing</li> <li>Take a Magnetic Bearing</li> <li>Convert a Grid Bearing to a Magnetic Bearing</li> <li>Convert a Magnetic Bearing to a Grid Bearing</li> </ol> </li> <li>Participate in an activity using a compass (e.g. compass course, orie</li> </ol>
<b>Basic signals</b>		<ol style="list-style-type: none"> <li>Appreciate why it can be difficult to signal for help when in distress on the water</li> </ol>	<ol style="list-style-type: none"> <li>Discover some basic signals used in an emergency situation on the water</li> </ol>
<b>Nautical history and traditions</b>	<ol style="list-style-type: none"> <li>Understand how to show respect for various flags</li> </ol>	<ol style="list-style-type: none"> <li>Know the difference between at least two types of flag (eg. pennants and courtesy flags)</li> </ol>	<ol style="list-style-type: none"> <li>Discover the difference between an ensign and a national flag</li> </ol>
<b>Introduction to nautical terminology</b>	<ol style="list-style-type: none"> <li>Discover what a mast and a rudder are</li> </ol>	<ol style="list-style-type: none"> <li>Discover what is meant by the following terms: <ol style="list-style-type: none"> <li>Hull</li> <li>Galley</li> <li>Deck</li> <li>Alongside</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>Discover what is meant by the following terms: <ol style="list-style-type: none"> <li>Belay</li> <li>Aloft</li> <li>Aft</li> <li>Astern</li> </ol> </li> </ol>
<b>Maritime environment and community</b>	<ol style="list-style-type: none"> <li>Understand why conservation of your environment is important</li> </ol>	<ol style="list-style-type: none"> <li>Find out about an important environmental issue in your local community</li> </ol>	<ol style="list-style-type: none"> <li>Participate with your Watch or Troop in an environmental or community project decided upon by the Watch Leaders Council</li> </ol>
<b>Boat maintenance</b>	<ol style="list-style-type: none"> <li>Find out about some of the different repair projects currently being carried out by older Sea Scout in your Group on the boats used in their Troop</li> </ol>	<ol style="list-style-type: none"> <li>Appreciate the importance of the Scout Promise and Law in relation to the care of your own, of others, and of Troop belongings</li> </ol>	<ol style="list-style-type: none"> <li>Participate with your Watch or Troop on at least four occasions with the maintenance or repair of Troop equipment</li> </ol>
<b>Parts of a boat</b>		<ol style="list-style-type: none"> <li>Be familiar with the main parts of a rowing or sailing boat used by your Troop</li> </ol>	<ol style="list-style-type: none"> <li>Be familiar with the main parts of a rowing or sailing boat, particularly those parts not found on the boats used by your Troop</li> </ol>
<b>Introduction to marine motors</b>		<ol style="list-style-type: none"> <li>Know the difference between an outboard and an inboard engine</li> </ol>	<ol style="list-style-type: none"> <li>Understand the practical differences arising from using the use of inboard or outboard engines</li> </ol>
<b>Basic weather and tides</b>	<ol style="list-style-type: none"> <li>Discover what a tide is</li> </ol>	<ol style="list-style-type: none"> <li>Be aware of the dangers posed by tidal currents when boating</li> </ol>	<ol style="list-style-type: none"> <li>Discover the water cycle and other forces affecting the weather in your local area</li> <li>Get a weather forecast before going on at least two boating activities</li> </ol>