

## SCUBA BASIC LESSON 12

<p>State some of the physical characteristics of dive sites.</p>	<ol style="list-style-type: none"> <li>1. Type</li> <li>4. Temperature</li>   <li>2. Entries &amp; Exits</li> <li>5. Visibility</li>   <li>3. Bottom Composition</li> <li>6. Water Movement</li> </ol>
<p>Describe types of water movements and how they affect diving.</p>	<ol style="list-style-type: none"> <li>1. Standing – regular/steady currents</li> <li>3. Transitory – irregular currents (rip current)</li>   <li>2. Tidal – cyclic currents primarily caused by the tides (slack-water)</li> </ol>
<p>Describe the different categories of hazardous marine life and how to avoid situations with them.</p>	<p style="text-align: center;"><b>Five S's</b></p> <ol style="list-style-type: none"> <li>1. Snappers – Eel, Barracuda, Lobsters</li> <li>4. Scrapers – Coral and Barnacles</li>   <li>2. Stingers – Jellyfish</li> <li>5. Shockers – Electric Eel and Torpedo Ray</li>   <li>3. Stickers – Urchins, Cone Shell, Stingray</li> </ol>
<p>Identify steps to planning a dive – SEABAG.</p>	<ol style="list-style-type: none"> <li>1. <b>S</b>ite survey</li> <li>4. <b>B</b>uoyancy</li>   <li>2. <b>E</b>mergency action plan &amp; information</li> <li>5. <b>A</b>ir</li>   <li>3. <b>A</b>ctivity</li> <li>6. <b>G</b>ear and go</li> </ol>

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Describe why it is important to record your dive.	Dive information for future dives: location, equipment, points of interest; Dive experience; Advanced certifications
List situations that can occur under water and how to resolve and prevent them	<ol style="list-style-type: none"> <li>1. Heat loss</li> <li>5. Equipment difficulties</li> <li>2. Overheating and/or cramps</li> <li>6. Seasickness</li> <li>3. Entanglement</li> <li>7. Choking and/or coughing</li> <li>4. Vertigo</li> <li>8. Air starvation</li> </ol>
Describe how to assist another diver having a problem	<ol style="list-style-type: none"> <li>1. Determine nature and extent of injury</li> <li>3. Treat for shock</li> <li>2. Treat life-threatening emergencies</li> <li>4. Arrange for medical care and transport.</li> </ol>
Explain the steps needed to rescue a dive at the surface and under water.	<ol style="list-style-type: none"> <li>1. Establish buoyancy</li> <li>3. Providing assistance</li> <li>2. Resting and breathing</li> </ol>
Rescue procedures: Unconscious diver underwater	<ol style="list-style-type: none"> <li>1. Make contact – check for responsiveness</li> <li>4. Open airway – check breathing</li> <li>2. Get victim buoyant</li> <li>5. Begin artificial respiration if necessary</li> <li>3. Transport victim to surface</li> </ol>
Boat Dive master Briefing	1. Boat and Site Specific

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5. Dive into current
2. Entries and Exits
6. Compass
3. Stern Line
7. Signals
4. Boat ID

Long and short range planning

“Plan your dive; dive your plan”