

Boating Lesson Plan-7	
Aquatic Invasives	
TIME PERIOD (TOTAL) 30-45 minutes	
TRAINING AIDS 1. Boat on trailer 2. Minnow bucket 3. Plastic aquarium weeds or green ribbon and small magnets 4. AIS Landing Sign - Use PDF version of sign found on right side of webpage at http://dnr.wi.gov/lakes/invasives/Signage.aspx 5. Free AIS publications found at http://dnr.wi.gov/topic/Invasives/documents/PubCatalogue.pdf 6. Pole/tool to assist with removal of material under boat/trailer 7. Two-gallon pump sprayer or small spray bottle	TYPE OF LESSON <input checked="" type="checkbox"/> E.D.O.C. <input checked="" type="checkbox"/> LECTURE <input type="checkbox"/> DISCUSSION <input type="checkbox"/> PRACTICAL
OBJECTIVE(S) for each student: <ul style="list-style-type: none"> ○ Learn regulations regarding removal and transportation of aquatic plants ○ Show where aquatic plants & animals attach themselves to equipment ○ How to prevent the spread of aquatic invasives 	
INSTRUCTOR REFERENCE Natural Resources Code 40.07(2) Boating Regulations DNR Pamphlet “HELP STOP Aquatic Hitchhikers”	
STUDENT REFERENCE Boating Regulations DNR Pamphlet “HELP STOP Aquatic Hitchhikers”	

TIME	LESSON OUTLINE	AID CUES
15 minutes	Purpose of the lesson: The purpose of the lesson is to explain regulations regarding aquatic invasives and their environmental effects. Then, relate what they have learned to proper equipment inspection when leaving a waterbody.	“HELP STOP Aquatic Hitchhikers” brochure, AIS landing sign.
5 minutes	Educate: Know the law: <ol style="list-style-type: none"> 1. Any person who removes a vehicle, boat, boat trailer, boating or fishing equipment, or other 	Boating regulations.

TIME	LESSON OUTLINE	AID CUES
25 minutes	<p>equipment or gear of any type from any inland or outlying water or from its bank or shore shall <u>remove all attached aquatic plants and aquatic animals</u> immediately after removing the vehicle, boat, boat trailer, boating or fishing equipment or other equipment or gear from the water, bank or shore and before leaving any boat launch area or associated parking area.</p> <p>2. In addition, <u>shall drain all water</u> from the boat, equipment or gear, including water in any motor, tank (live well) or other container, immediately after removing the vehicle, equipment or gear from the water, bank or shore and before leaving any boat launch area or associated parking area.</p> <p>Demonstrate</p> <p>Use a boat and minnow bucket to show where aquatic invasives can be transported; Place plastic aquarium weeds or green ribbon to trailer, anchor, boat prop, and in minnow bucket or live well. Conduct a methodical equipment check by using these suggested steps:</p> <ul style="list-style-type: none"> ○ INSPECT your boat, trailer and equipment. ○ REMOVE visible aquatic plants, animals and mud before leaving the water access. ○ DRAIN all water from your boat, motor, bilge, live wells and bait containers before leaving the water access. ○ REPORT new sightings. ○ NEVER MOVE live fish away from a waterbody. (A fish out of water is considered dead even if still flopping around.) ○ BUY minnows from a Wisconsin bait dealer. Use leftover minnows only if returning to the same waterbody or if no water was mixed with them. ○ SPRAY, RINSE, or DRY boats and recreational equipment to remove or kill species that were not visible when leaving a waterbody. Before transporting to another water: <ul style="list-style-type: none"> ○ Spray/rinse with high pressure, and/or hot tap water (above 104°F or 40°C) or; 	<p>Boat on trailer with a live well, cooler and/or minnow bucket.</p> <p>Plastic aquarium weeds or green ribbon to simulate aquatic plant material, magnets, or other sticky material to simulate zebra mussels or aquatic animals.</p> <p>Use pole/tool to remove material under boat/trailer.</p> <p>Two-gallon pump sprayer or small spray bottle with or without bleach/water mixture.</p>

TIME	LESSON OUTLINE	AID CUES
	<ul style="list-style-type: none"> ○ Dry for at least five days or; ○ Use a two-gallon pump sprayer containing a water/bleach mixture of 1 tablespoon bleach to 1 gallon of water to spray boat and equipment. <p>NEXT - Simulate the use/use a two-gallon pump sprayer containing a mixture of water and bleach to spray boat, motor, and equipment. Advise students that some locations have wash stations.</p> <p>Observe:</p> <p>Ask for 1-2 student volunteers to inspect trailer and boat and remove any aquatic hitchhikers placed by instructor. Repeat with other students if there is time available.</p> <p>Congratulate:</p> <p>Congratulate students for participating in activity.</p>	