



AQUATIC STUDIES REVIEW OUTDOOR LAB SCAVENGER HUNT

TEAM MEMBERS:

You should have established canoe partners and “sister” canoes. ***Please do not disturb any plants/animals/nests*** while doing this activity. Keep safety in mind and ***keep your life preserver on at all times*** while in canoes. Calculate your total score after verifying items with your instructor. **Return/release the materials to where you collected them.**

Canoe Segment Materials:

- Canoe/paddle/properly fitted preserver/map of area/critical habitat resource
- Small plastic rake and plastic bag for each canoe pair
- Oxygen/temperature meter located with instructor to share
- pH paper/CHEMettes/student camera

Canoe to area selected by instructor and collect the data/materials to earn points:

BUOY # _____

WHAT IS THE CRITICAL HABITAT DESIGNATION? _____

_____ (5 pts.) _____

WATER QUALITY:

Canoe to WQ Pontoon station. Stay close to your sister canoe to maintain stability and use the instruments provided to collect the following data (have instructor verify your findings):

Surface water Temperature: _____ (5 pts.) _____

Surface Dissolved Oxygen: _____ (5 pts.) _____

Surface pH: _____ (5 pts.) _____

TOTAL CRITICAL HABITAT AND WATER QUALITY POINTS (20 pts.) _____

pH color code



AQUATIC PLANT COLLECTION/IDENTIFICATION:

With rake carefully collect and identify aquatic plant/s. Bag the plants, bring to shore and have them verified by your instructor. Five points for each different plant you identify.

Sample 1 _____ (5 pts.) _____

Sample 2 _____ (5 pts.) _____

Sample 3 _____ (5 pts.) _____

Sample 4 _____ (5 pts.) _____

Sample 5 _____ (5 pts.) _____

Other plants can be identified on the *Field Notes* page for extra credit!

TOTAL AQUATIC PLANT POINTS (25 pts.) _____

TOTAL COMBINED SCAVENGER HUNT POINTS
(Woodland Trails and Aquatic Studies)

Total Food Cycle/Pyramid/Web points (20 pts) _____

Total Critical Habitat and Water Quality points (20 pts) _____

Total Aquatic Plant points (25 pts) _____

TOTAL SCAVENGER HUNT POINTS (65 pts) _____

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Place all verified Lab & Scavenger Hunt score totals on cover page.