

## Aquatics Ecology Guidelines Correlated to National Science Standards

### Key National Science Standard (NSS)

UC	Unifying Concepts
I	Inquiry
P	Physical Science
L	Life Science
E	Earth & Space Science
ST	Science & Technology
SP	Personal & Social Perspective
H	History & Nature of Science

Learning Objectives:	Key Point 3: Aquatic Environments	Activity	NSS	Topic
1.	Identify aquatic and wetland environments based on their physical, chemical and biological characteristics.	Study and Presentation	I, P,E,L, UC, SP	Systems, order & organization Environmental quality
2.	Know characteristics of different types of aquifers, and understand historical trends and threats to groundwater quantity and quality.	Study and analysis	I, E, SP, H	Natural Resources, Environmental Quality
3.	Understand societal benefits and ecological functions of wetlands.	Study	I, UC,SP,	Environmental quality, Personal and Social perspective
4.	Understand the functions and values of riparian zones and be able to identify riparian zone areas.	Study and analysis	I, P, E, L, UC, SP	Natural Resources, Environmental Quality