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Habitat Trunk: **WETLANDS/Wonderlands**

I. AUDIO/VIDEOS:

1. "Pond and River" -- Eyewitness Video

II. STUDY AND ACTIVITY GUIDES:

1. Naturescope "Wading into Wetlands -- National Wildlife Federation
2. "Aquatic Habitats - Exploring Desktop Ponds" -- GEMS (Great Expectations in Math & Science)
3. "Wetlands" (module from Habitat Ecology Learning Program) -- Wildlife Conservation Society + SLIDES of five types of wetlands
4. Stream Ecology - macroinvertebrate identification flashcards

III. BIOFACTS:

1. muskrat pelt
2. beaver pelt
3. American alligator skull
4. beaver skull
5. muskrat skull
6. duck skull
7. pond turtle skull
8. frog life cycle -- metamorphosis
9. frog complete skeleton
10. beaver chews
11. complete shell (carapace and plastron) - pond turtle
12. shell (carapace) - snapping turtle

VI. Mystery Box:

- Oyster shells
- photo cypress trees
- cranberries
- rice
- six-pack ring
- peat moss
- cattails
- cultural artifact

IV. FAKE SCAT:

1. raccoon
2. beaver
3. muskrat

V. "The Pondwater Tour" -- LaMotte Company

***Please note:** This kit provides the opportunity to study the basic chemistry of any surface water body.

Real Science: The procedures used in the "Pondwater Tour" are simplified, but similar to those used by water scientists throughout the world.

Students will become familiar with the chemical concepts of: dissolving, concentration and reaction. Active participation in this project involves the processes of: observing, communicating, comparing, measuring, organizing and classifying, relating, analyzing, summarizing, applying.

***If you choose to use the consumable items in the kit, as listed on page 4, arrangements need to be made to purchase, so that they can be replaced. Refill kits are \$40.00.**