

Educational Program Outline

Title: Understanding Beavers **Content Area: Science**

Lesson Description: Learn about nature's busiest builders by following their trails and observing their habitats, dams and lodges. See how and what they chew with hands on activities and mounted specimens. Then get busy building your own wood craft creation!

Theme: Beavers have adaptations for living in the water and alter their natural surroundings to build dams and lodges.

Connecticut Core Science Curriculum Framework:

K.2 - Many different kinds of living things inhabit the Earth.

1.2 - Living things have different structures and behaviors that allow them to meet their basic needs.

1.3 - Organisms change in form and behavior as part of their life cycles.

3.2 - Organisms can survive and reproduce only in environments that meet their basic needs.

4.2 - All organisms depend on the living and non living features of the environment for survival.

5.2 - Perceiving and responding to information about the environment is critical to the survival of organisms.

Teacher Preparation: 20 minutes

Time to Complete: Pre-site 20-40 minutes
On-site 1-2 hrs
Post site 20-40 minutes

Materials, Equipment, Resources Included: Pre visit worksheets (appendix) Beaver mount, skulls, chews, models, and dress up (On site) Post visit worksheet (appendix)

Materials, Equipment, Resources NOT Included: Binoculars for on-site (optional) Twigs/glue for post site activity #2 (optional)

Pre-site Activities:

-Complete worksheet 1 (appendix a)

-Review the enclosed vocabulary list with students and allow them to create Venn diagram with beavers and humans, showing how beavers and humans are alike and how they are different.

