Interactive Trail *Draft 4*

The trail begins at the Ela Sanctuary Information Station

Answer all questions in your notebook.

Exercise 3

Station 1

Tree Stumps and Beavers!

1. Locate the tree stumps and identify which stumps people cut and which stumps animals cut. How can you tell?
2. What kind of animal, other than humans, cut down the tree? *(4-3.14, 5-3.14)*
3. In your notebook, make a sketch of each type of cut. *(4-7.04, 5-3.14)*
4. Measure the height of the stump cut by animals in inches and predict, in inches, the height of the animal that cut down the tree. *(4-1.02, 5-1.05)*
5. Describe the animal under the following terms: strength, teeth, digestion, and intelligence.*(4-1.04, 5-1.-7)*
6. What evidence has helped you to make the predictions about the animal's characteristics?
7. On the Animal Track Guide Sheet, find a beaver track and look for this track along the trail. If you locate tracks along the trail, tell the location, measure the actual size, determine the direction the beaver was going, determine if there was more than one animal and any other information that seems to be important. You may want to include other animal signs you find along the trail in the chart that is outlined under Exercise 2. *(4-1.02, 5-1.08)*
8. Do you see any evidence of a beaver dam in the area?
9. Why do you think beavers build dams?
10. Count the rings on the stump cut by people and estimate how old the tree was when it was cut.
11. A flood came over this ground in 1955. If the tree began to grow because the seeds were germinated by the floodwater, determine the year when the tree was cut down. Show the math that use used to find your answer. (*Questions 10-11 (4-1.03, 5-1.08)*