Greeting the Galapagos Goats

Name

Part 1: Activating Prior Knowledge

In the space below, bullet 5 or more facts that you have learned about non-native (invasive) species over the past couple of days.

Part 2: The Galapages Goats & Tortolses:

Read the journal entry from Dr. Betsy Jackson. Answer the questions below.

- *What kind of consumers are the tortoises? Explain.
- *What kind of consumers are goats? Explain.
- *What problem does this cause to both species?
- *Who is to blame for this problem? Why? Describe the connection to the species of the week we have been studying.
- * How did the introduction of the goat affect the tortoise? Explain thoroughly.
- * How else could the goats affect the island ecosystem? What other organisms/species are involved? Describe the problem the goats are causing for the finches.

*Describe any long-term effect for the Island of Isabela. Why is Isabela in greater danger than the other islands in the Galapagos?

Non-Native Invasion: Goats vs Finches

initial Analysis:

Describe the appearance of the island:

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Graph: Create a double line graph of the finch and goat population over time. Be sure to label your axes and create a key! (HINT: Turn your paper sideways!) @

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Retlection:

- 1. What was the impact of having the goat population double each round? Describe what this modeledl
- 2. Why was the goat told to close his/her eyes? Explain the significance of them not being able to see?
- 3. Were any birds destroyed directly? Why or why not? Were any of the tree nests truly destroyed? Why or why not?
- 4. How did the goats affect the finches indirectly?
- 5. How did the goats directly affect the appearance of the Island? (HINT: refer to your infittal description of the Island!)