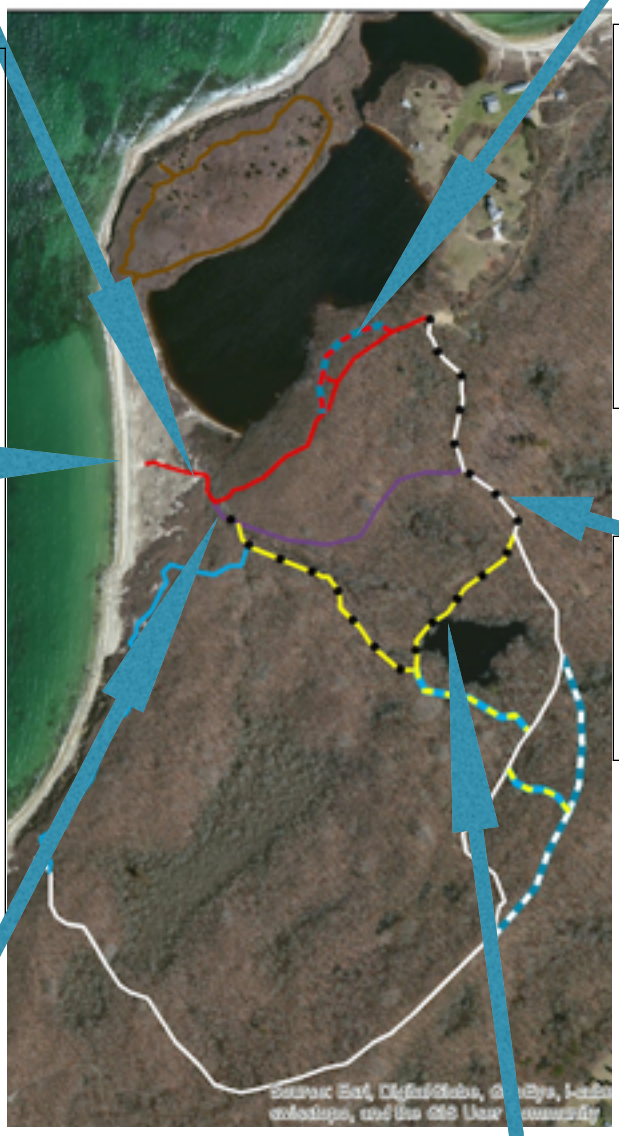
*Map Makers* *Teacher Field Trip Guide*

1.) Begin on the red trail. Point out the dry stream bed. Turn right onto the blue and red trail. Stop to look at Daggett's Pond. The **pond** is brackish, and is fed by a stream that runs through the sanctuary.

2.) Continue walking down red trail towards beach. Cross the bridge and have students look at the **stream**. Ask..
Where do you think the stream starts?
Where does it end?

# Cedar Tree Neck



3.) Continue towards the beach. Stop in the **dunes.** Ask.
What is this habitat called?
How was it formed?
What things keep dunes in place?

Have students turn around and look up at the **hill** that they just walked down.

If you walk to the right on the beach, you may be able to see the otter slide and tracks in the dunes, and discuss how animals move between water bodies.

To the right, you can also see the **headland,** the area of land that just out into the water.

If you walk to the left, you can see a **cliff eroding**, and look at soil layers.

The beach is a great place to do

7.) Stop at the Red Pine Plantation with the dying trees. There is a sign here that explains what's happening. Mention that this used to be a **farm field**, where they grew turnips and potatoes. Again, emphasize how landforms can change, both because of people and natural forces.

6.) Stop at the student benches. Have students do the "100-inch micro hike" activity, or add to any maps they are making.

4.) Walk back up the red trail, and turn right onto the purple trail. Students can sit on the logs along the **stream** to do any activities. Have students look at the map and start to offer ideas about where the stream starts and ends.

5.) Take a right onto the yellow/black trail. Follow it until you get to Ames Pond, a **freshwater pond.** Explain to students that this pond was made by the glaciers, when a chunk of ice broke off and later melted. It has filled in over the years, and was dug out at one point. It is now filling back in as sediment and plants grow. Emphasize how landforms and water bodies can change over time! Point out the dam and spillway. Prompt students to think about where the water goes (it runs down to the stream they saw at stop #2 and #4.)