



Student Worksheet: Fishing

Name: _____

Directions

- 1) Create small student working groups.
- 2) Locate and label Cape Hatteras, NC, Boston MA, and Halifax, Nova Scotia, Canada.
- 3) Use resource links and complete the Yellowfin Tuna Profile.

Normal geographic range	
Normal temperature range	
Optimal temperature range	

4) Study the four seasonal satellite images and answer the following questions.

a) Did you note any major differences in flow patterns over the seasons?

Describe.

b) Why would it be important to know where the Gulf Stream is flowing? What does that have to do with locating fish?

5) Study the near real time satellite image of the Gulf Stream current. Based on the information gathered, can you identify possible areas of the ocean where Yellowfin Tuna may be? List.

6) Record the buoy data in the table below.

Buoy Location (Lat. And Long.)	Temperature of Water

7) Identify which area of the ocean you think the fish might be and which boat should leave port to fish. Be prepared to defend your selection in a group discussion.

Assessment

1) What other type of information data do you think would be helpful to obtain prior to making the decision of which boat to send fishing? List.

2) Access any information listed above and explain if the information supported your decision of which vessel to send fishing.

3) Which boat did you select? Why?

4) Why do you think the Gulf Stream information used in the lesson is considered near real time? Why do you think you could you not obtain the most current information?