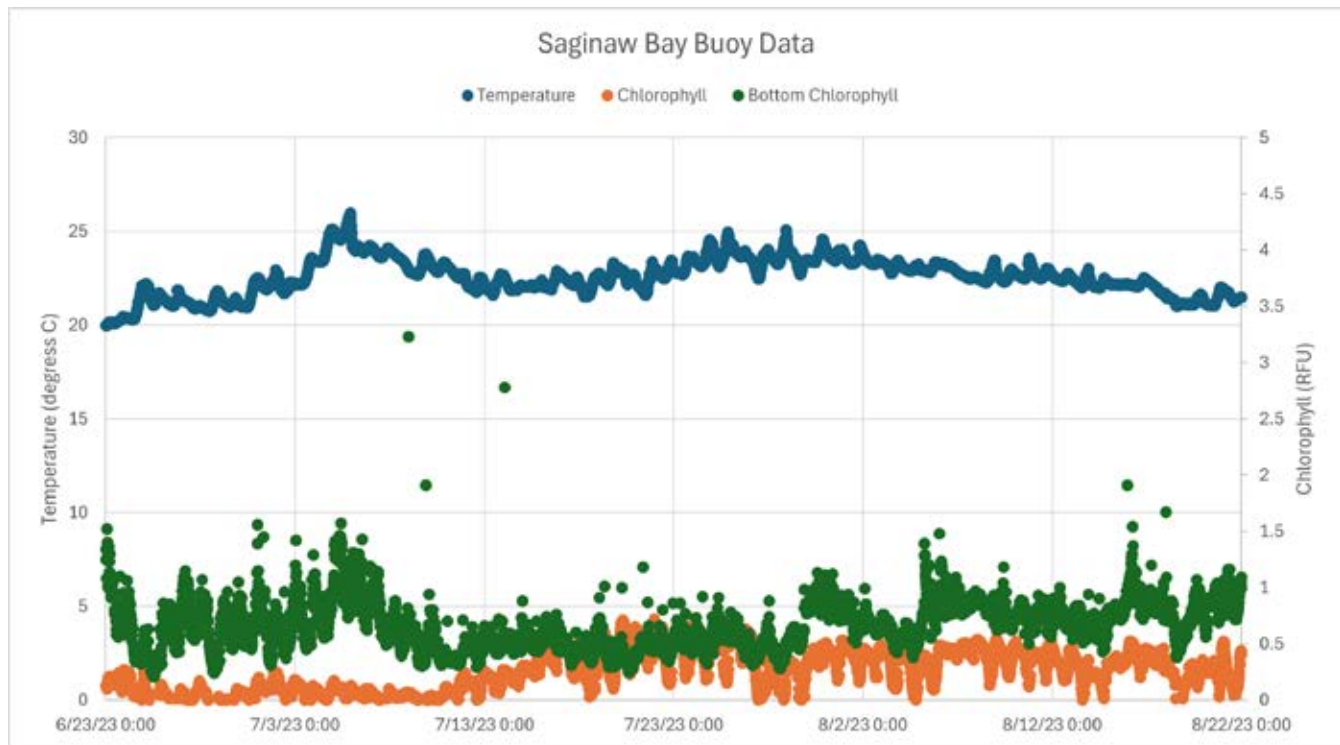


GLOS Graphical Analysis Group Activity

Name _____

Class Period _____



1. Talk with your group and record 2 or 3 patterns or trends you are seeing in the graph above.
2. Select an ambassador within your group and prepare to share-out one pattern or trend with the class.
3. After each group has shared their pattern or trend, let's examine our graphical data to determine if those patterns or trends stay true throughout the given season. If not, where do we notice any exceptions? _____

2023 Saginaw Bay Buoy Data of Dissolved Oxygen



4. With your group, take a few minutes to study the parts of the graph above. Record 2 or 3 patterns or trends you are seeing in the graph.
5. Prepare your group's ambassador to share-out one pattern or trend with the class.
6. After each group has shared their pattern or trend, let's examine our graphical data to determine if those patterns or trends stay true throughout the given season. If not, where do we notice any exceptions? _____

7. Examine the graphical data for the second half of July. With your group, make a scientific claim describing the change in surface and bottom dissolved oxygen.
8. Using both graphs to guide your thinking, work with your group to determine why this change is happening. Guesses are encouraged.
9. Next, examine the first ten days of August. What do you notice is happening? _____

10. How might the organisms living deeper in the Saginaw Bay be impacted by the phenomenon occurring in the first ten days of August? _____