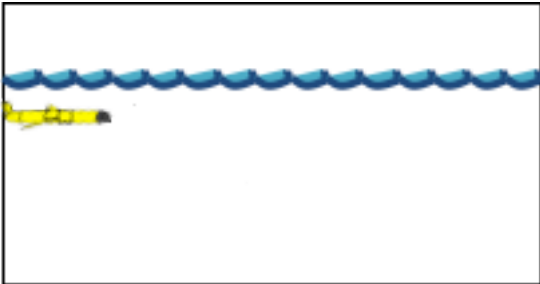


Ocean Robots & Data: What? How? Why? - Worksheet**Name:** _____**Date:** _____**Why Gliders?**

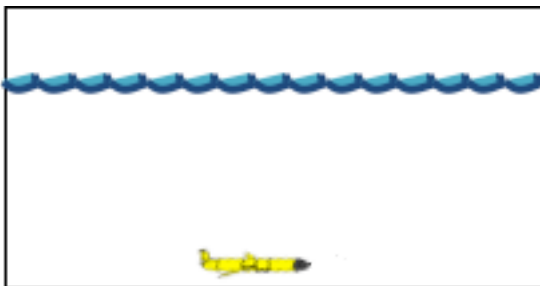
Make a list of possible pros and cons for studying ocean water from a glider.

PROS

CONS

Glider Model Demonstration

Describe what happened to the glider, how, and what might have caused the change.



Describe what happened to the glider, how, and what might have caused the change.

Scientific Explanation: What does your data from the glider tell you about how the ocean water may vary with depth and/or across space?

Evidence: Provide scientific data from the RU01 Glider Data Profiles (Temperature, Salinity, and/or Chlorophyll) that shows how the ocean water may vary with depth and/or across space. Use appropriate and sufficient data.

Reasoning: Use your evidence to show how your data result in your claim. Also, tell why your data count as evidence to support your claim by using scientific principles. Remember, reasoning is the process where you apply your science knowledge to answer the question.

Claim: Write a statement that responds to the above driving question.

What new questions do you have?