

Oyster Farm Nitrogen Removal Worksheet

Part A: Hand-Drawn Graph

1. Record your farm's nitrogen removal results at **1 year, 10 years, and 20 years** from the NOAA calculator.
2. Use the blank graph below to plot your data points.
3. Connect the points with a line and label axes and units.
4. Add a second line showing what would happen if you doubled your farm size.

Reflection Questions

- How does your graph's slope reflect your farm's ability to remove nitrogen?
- If you doubled your farm size, how would the line change?

Part B: Spreadsheet Graph (Digital Option)

1. Open a blank spreadsheet (Excel or Google Sheets).
2. In Column A, enter Years: 1, 10, 20.
3. In Column B, enter your farm's nitrogen removal values.
4. Highlight the data → Insert → Chart → Select **Line Graph**.
5. Add a chart title and axis labels.

Extension: Combine multiple groups' results to compare farm designs.