Using graph paper, plot the following data on four graphs on a post-it.

Cut the post-it Overlay all four post-it notes

Given the data how does the light penetration correlate to the production of chlorophyll?

What biological process is indicated by high chlorophyll concentrations?

How might low or high concentrations of chlorophyll correlate to ice thickness?

When are chlorophyll concentrations the highest? Lowest?

How do the seasons correlate to chlorophyll concentrations?

Why might the 10m and 20m plots show similar trends?

Draw conclusions based on the given data.