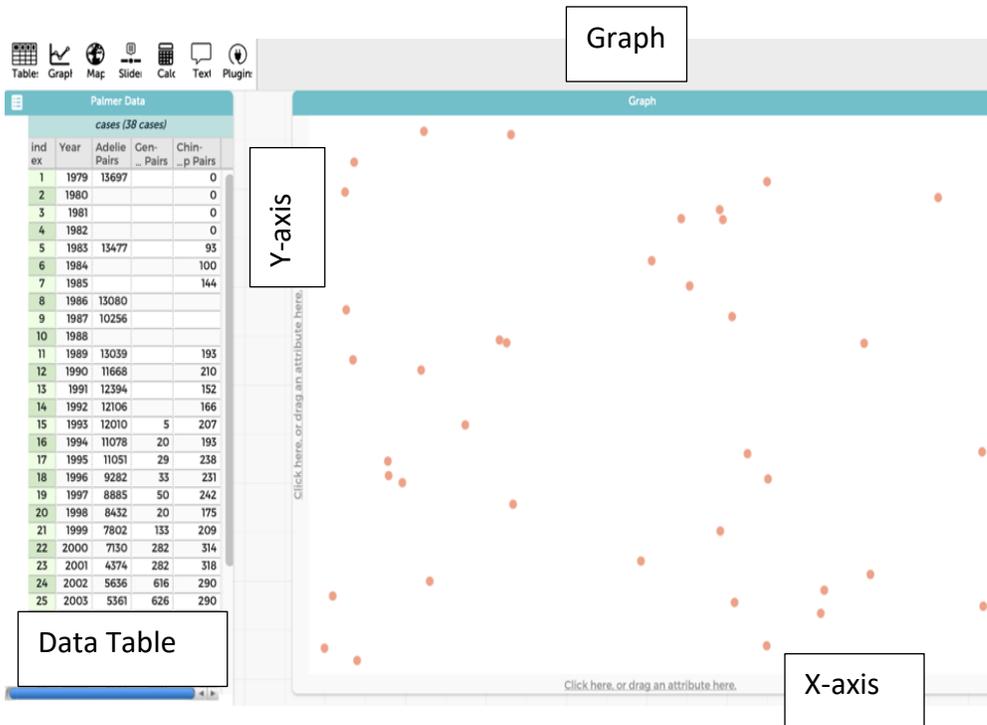




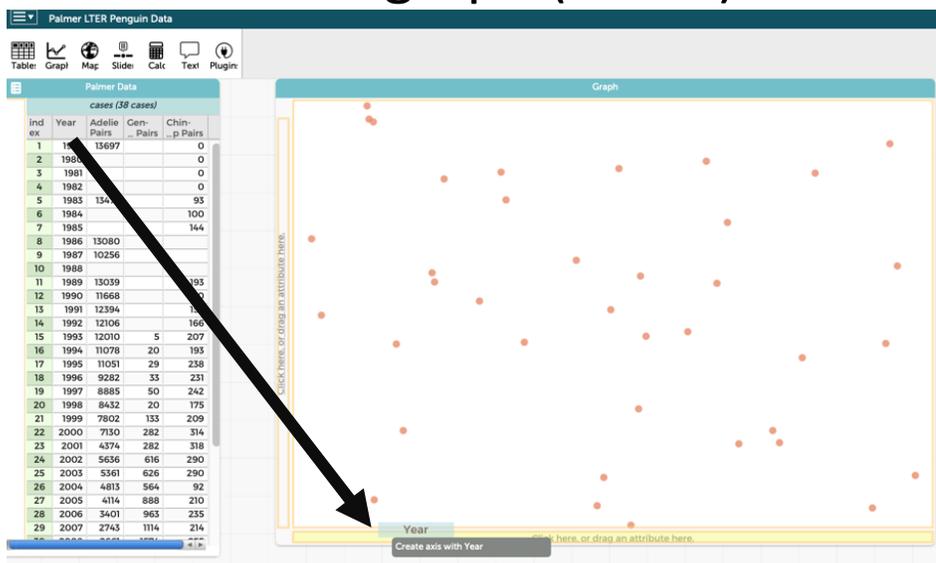
Two Penguins' Guide to Graphing The Checklist



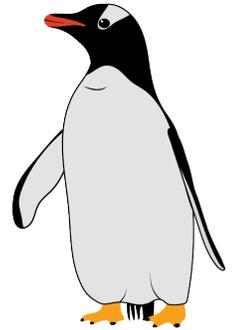
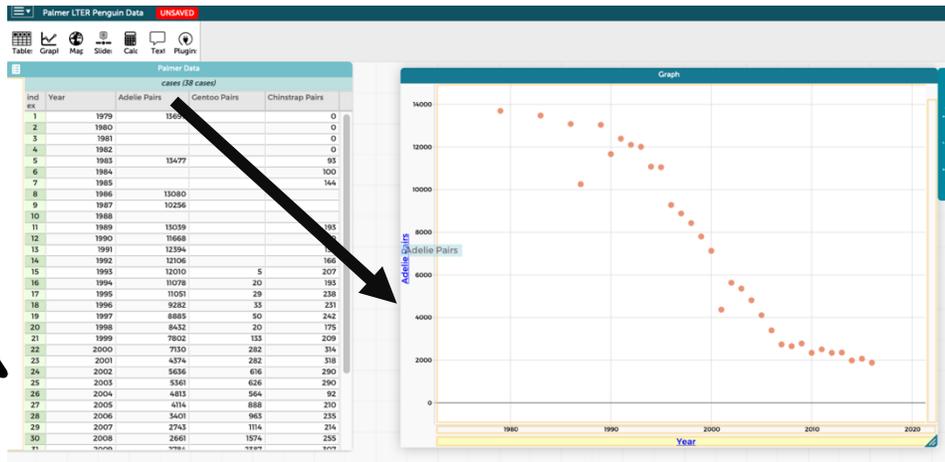
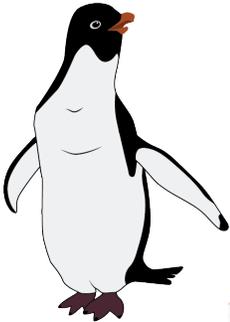
- Open the CODAP link from your teacher, you will see this:



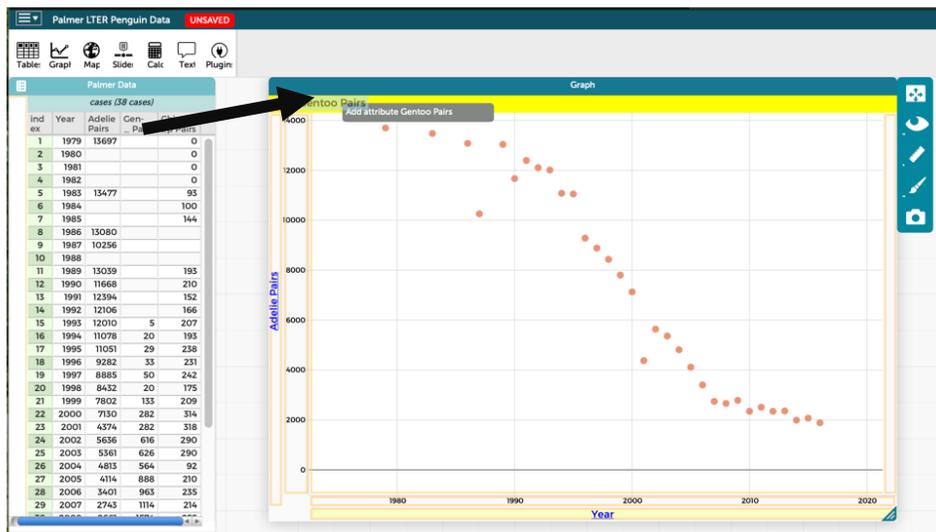
- Click on the word “year” and drag it to the bottom of the graph (X-axis).



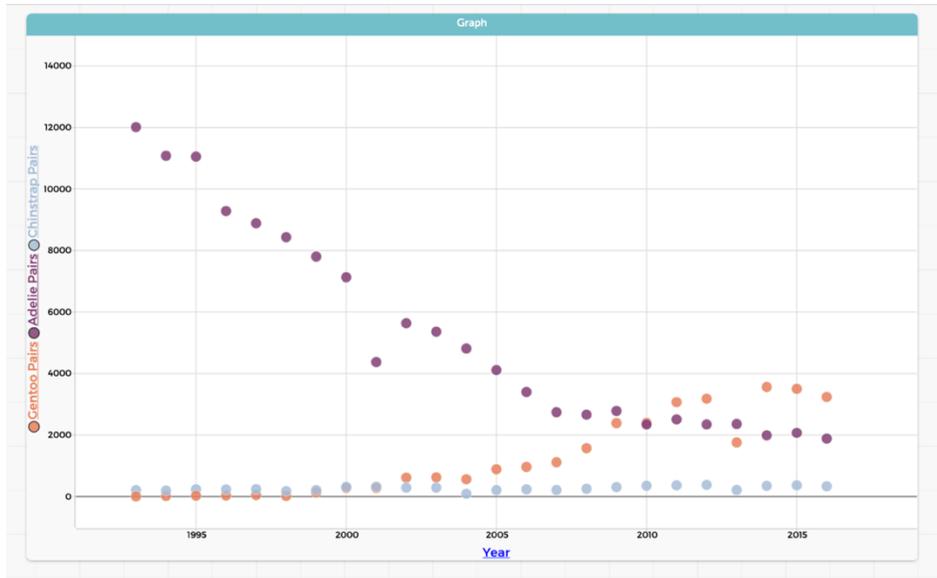
- Now drag and drop the title “Adelie pairs” from the data table to the left side (Y-axis) of the graph



- Drag and drop “Gentoo Pairs” to the top of the graph (highlighted in yellow). This will add it to the Y-axis.

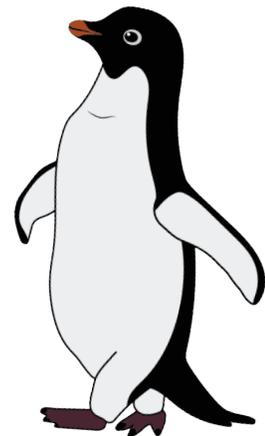
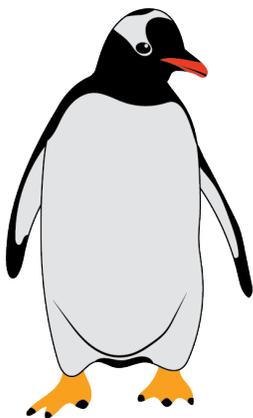


- Repeat this step for “Chinstrap pairs” so your graph looks like this:

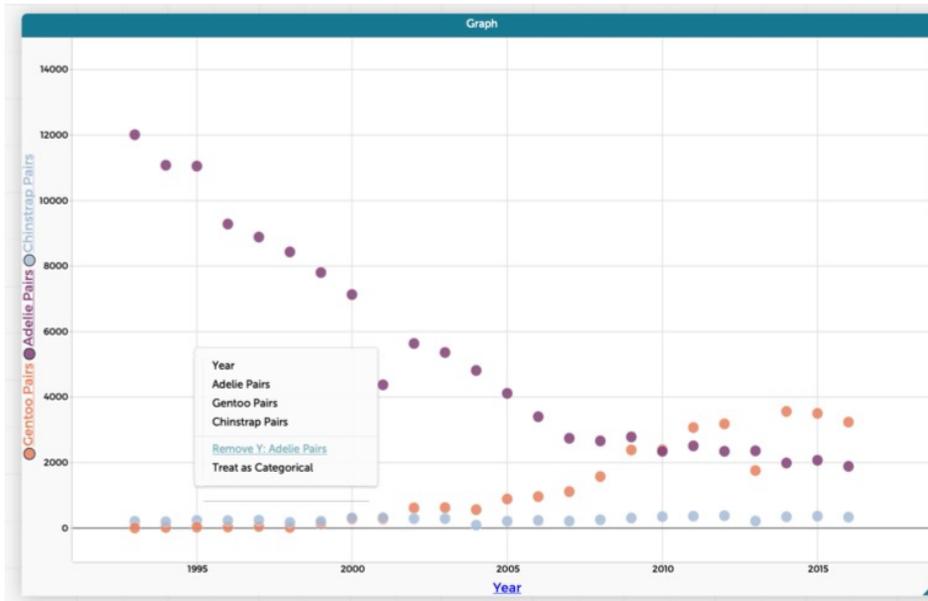


This is a good time to stop and ask for help if your graph doesn't look the same.

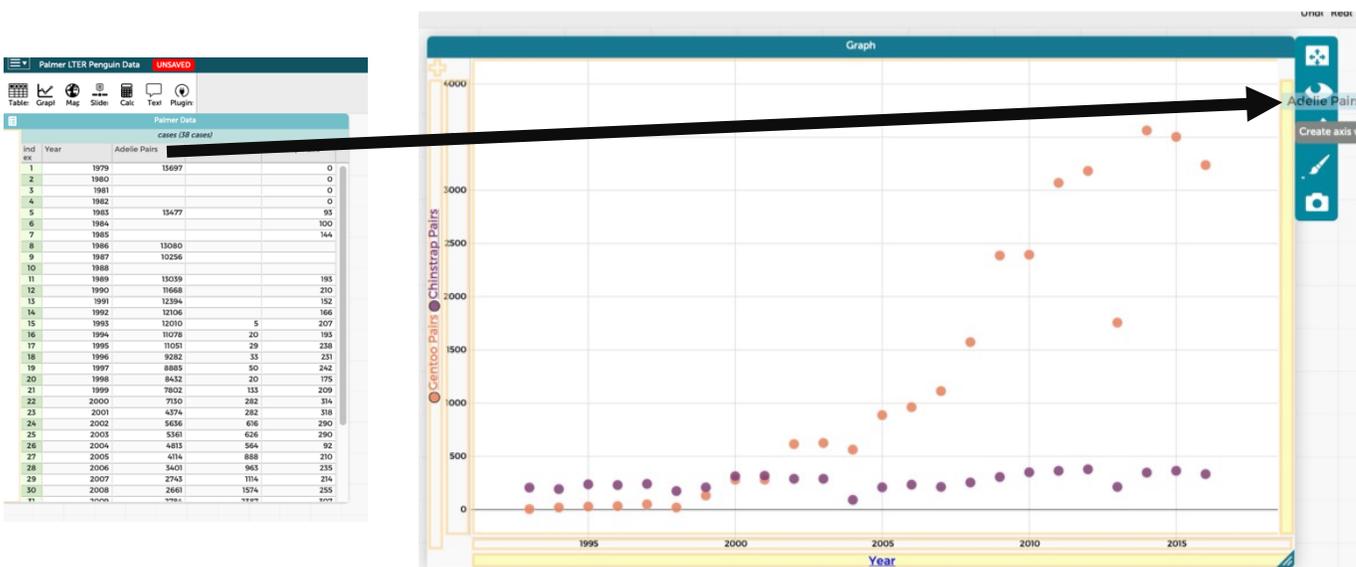
- This graph is a little hard to see, but with CODAP, we can easily change it.



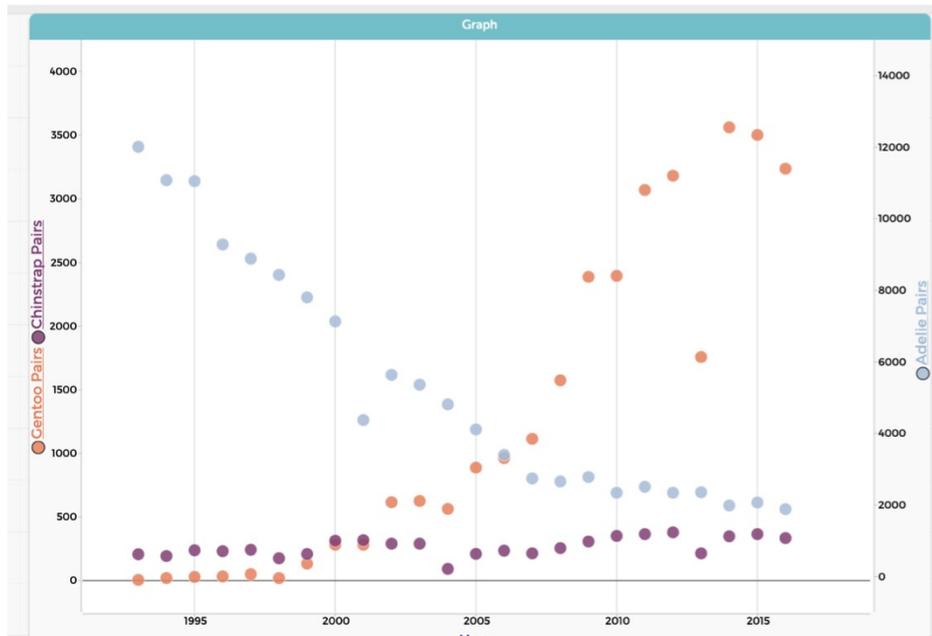
- Click on “Adelie pairs” on the Y-axis of the graph, a little box will pop up.



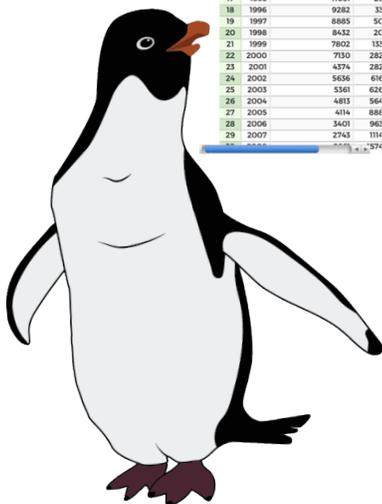
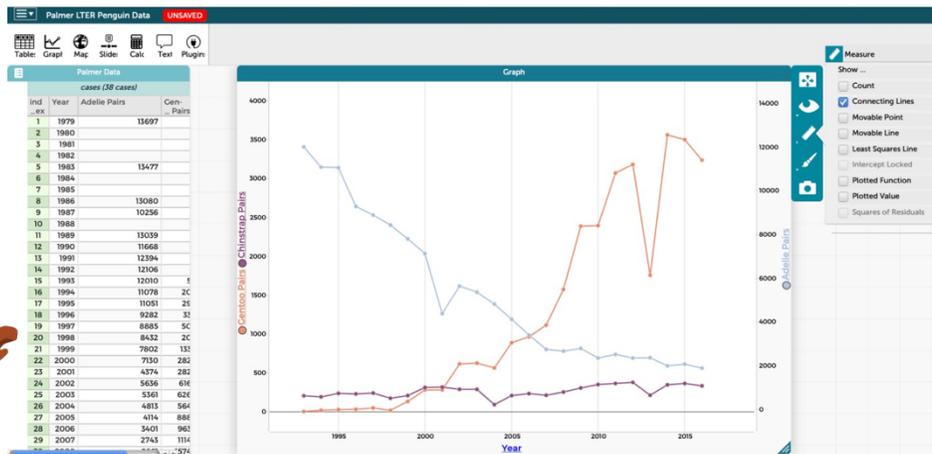
- Click on “Remove Y: Adelie pairs” your graph will now have two lines
- Click and drag “Adelie pairs” from the data table to the right side of the graph:



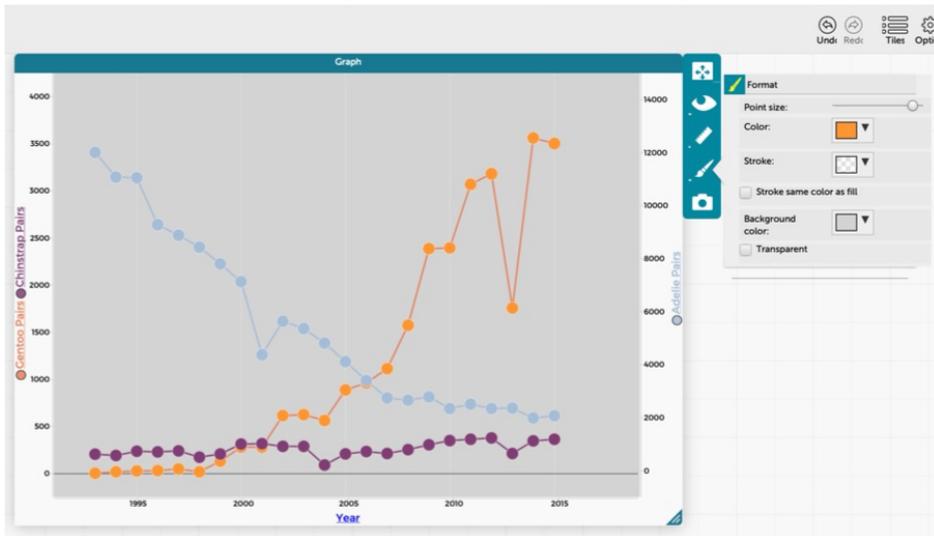
○ Your graph will now look like this:



○ Using the ruler tool on the side of the graph, choose “Connecting lines”



- Using the paintbrush tool, you can make the point size larger and change colors



- Using your graph, answer some questions:

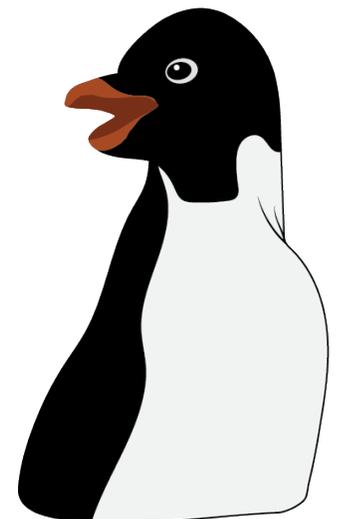
As time increases, what happens to each penguin's population? (Circle your answer)

Adelle: Increases Decreases Steady

Gentoo: Increases Decreases Steady

Chinstrap: Increases Decreases Steady

Write down some ideas that you have about why this might be true:



Thank you for graphing with us!

