Graph Types Card Sort — Cut out names of the graph types and the empty boxes below them as a long strip and glue only the top part into your BILL. The blank boxes should "flap up". Write a short description of each type as we discuss them in class. Your teacher will then give you a set of data tables. Cut along the dashed lines. Determine which data type would be best represented visually by which type of graph. Glue the top of each data table under the description "flap". Lastly, your teacher will give you images of each graph type. Match the graph image to its name and glue under the data table "flap".

| Pie Graphs | Bar Graphs | Histograms | Line Graphs | Scatter Plots |
|---|---|---|--|---|
| Year Population 1900 10,000 1910 12,000 1920 15,000 1930 10,000 1940 15,000 1950 21,000 | Tree Species Percent Oak 25 Maple 25 Pine 40 Cedar 10 | Age (yr) Height (cm) 5 125 10.25 126.5 9.5 127 11 142 6 110.5 7 111 5 105 5.75 108 8 129 Data continues | Mass (kg) Frequency 10-12 3 12-14 7 14-16 13 16-18 6 | Dog Breed Number of Votes Cocker 9 Spaniel dalmatian 4 poodle 3 collie 6 Golden 13 retriever |
| Favorite Dog Breed Survey 14 11 11 11 11 11 11 11 11 11 11 11 11 | Height vs. Age Linear Regression (simulated data) 155 155 15 | Population of Wildwood 50000 1000 | Percent of Trees Found in Missouri | Masses of Fish 15- 16-18 10-12 12-14 14-16 16-18 Mass (kg) |