

Graphing and Writing Problems to Solve

Independent or Group assignment

Making the Excel graph

- Students compile information to create a graph (ex: favorite ice cream, PTA memberships by class, etc.).
- Students should try to design a graph that is not identical to everyone else's in the class.
- Students will create the graph in **Excel** (Using graph wizard) making sure titles are in correctly.
- Insert graph "as object in sheet". To make graph larger, click on corner and grab the handlebar. Drag out to make larger or drag in to minimize graph.
- After graph is complete, click on corner of graph so corner handlebars are present
- Right click on white part of graph (don't right click directly on top of graph), choose copy
- Open **Word** or a **Power Point** Slide
- Right click on blank page and choose paste

Creating the questions in Word or PowerPoint

- Students graph should now be on their Word/Power Point page.
- Under the graph, students create word problems to accompany graph.
- Model higher order thinking to help lead students when creating word problems to ensure word problems are up to grade level standards. Several step word problems are appropriate in 4th grade.

After projects are completed, students will trade word problems and solve another group's or person's word problem.