

Data Flyer Exploration Questions

Have students generate several data sets and try to fit them with an equation. Some possible data sets include:

1. Record the height and arm span of each student in the class and create a graph with height on the x-axis and arm span on the y-axis.
2. Heat a cup of water to well over room temperature and record the temperature at intervals throughout the day. Create a graph with time on the x-axis and temperature on the y-axis.
3. Roll a toy car down a ramp and record the distance traveled and the angle of inclination. Create a graph with the angle on the x-axis and distance on the y-axis.
4. Get a penny, nickel, dime and quarter, and record the number of drops of water that will fit on each. Create a graph with the area of the coin on the x-axis, and number of drops on the y-axis.