**Sensors and Scatterplots Activity –   
Scatterplots with Technology Worksheet – Sample Answers**

**Directions**

Using our class data sheets, we will analyze more scatterplots, using the Create A Graph website to make our scatterplots. Access the website by searching “Create a graph” in your browser search bar, or enter the following address: <http://nces.ed.gov/nceskids/createagraph/default.aspx>). Complete the following.

**Questions**

1. **Is there a relationship between BMI and pulse rate?**

Write an explanation of the relationship between BMI and pulse rate.

**As BMI values increase, pulse rates increase.**

1. **Is there a difference between male/female data in the relationship BMI and systolic blood pressure?**

Write an explanation of what you observe on the scatterplot.

**The BMI values of the females are higher than the BMI values of the males.**