

## Chapter 9 Transformation Assignment

Over the past week we have been learning about the different types of Geometric Transformations. We have discussed the real-world connections that these transformations can have. Now it is time for you to show me that you understand these connections.

### **The Assignment:**

You need to find a career/job that relates to each of the 4 transformation types (translation, reflection, dilation, rotation). 1 career for each type for a total of 4 careers. For each career, you need to be able to explain the connection to the transformation so that it relates directly to something that a person in that career does. You also need to create a picture/drawing that depicts the connection that you have described.

You may use plain white computer paper, construction paper or a poster. You may design your assignment on Powerpoint (or another presentation application) and print out. Try to make each slide as nice as you can. Have PRIDE in what you create.

### **Grading:**

Career and Transformation chosen- 5 points

Real world connection explained correctly- 8 points

Picture/drawing demonstrated correctly and correlates with real world connection- 7 points

4 transformation types X 20 points = 80 points total

**DUE TUESDAY, MARCH 6<sup>th</sup>!**

See next page for an example.

# Translation

*PROFESSIONAL FOOTBALL PLAYER*

*A FOOTBALL PLAYER (RUNNING BACK) TRANSLATES FROM THE 6 YARD LINE INTO THE ENDZONE FOR A TOUCHDOWN!*



THIS IS THE MOST BASIC DEMONSTRATION.