**Transformation Video**

Standards: MCC8.G1 – G4

Essential Question: What are real life examples of geometric transformations?

I Can: I can identify real life examples of geometric transformations.

Overview: There are many real life examples of geometric transformations. Find real life examples around the school, in your home, at stores, or wherever you go. Take pictures or video these. You will complete a video collage.

Instructions:

Pre-Video

1. Find and take pictures or video of each of the 4 geometric transformations that we are learning about. You must include at least 5 examples of each type. Be creative with this. (You must use original pictures and videos. You are not allowed to use images from Google Image or any other site on the internet.)
2. Bonus: Find an example of a composite transformation. You must be able to justify the multiple transformations.
3. You must be able to access these pictures electronically. You can upload them to Drive or put them on a flash drive. You will NOT be able to access your personal email on school devices if you email the pictures to yourself.

Video

1. Create a video of examples of transformations in real life.
2. For each transformation, include an explanation of that type of transformation.
3. Include a written statement explaining how EACH picture represents that type of transformation. Be specific.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Emerging** | **Proficient** | **Exemplary** |
| **Information** | Provides 1-2 examples of each type of transformation | Provides 3-4 examples of each type of transformation | Provides 5 examples of each type of transformation |
| **Composite Transformation**  **(This is a bonus)** |  |  | Provides an example of a composite transformation |
| **Explanation of Transformations** | Demonstrates a poor understanding of each transformation. | Demonstrates of proficient understanding about each transformation but still have a few misconceptions. | Demonstrates clear understanding about each transformation, no misconceptions evident. |
| **Written explanation** | Demonstrates a poor connection between the picture and each transformation. | Demonstrates a proficient connection between the picture and each transformation. | Demonstrates a clear connection between the picture and each transformation. |
| **Real Life Application** | Demonstrates a poor connection between the real life and each transformation. | Demonstrates a proficient connection between the real life and each transformation. | Demonstrates a clear connection between the real life and each transformation. |
| **Video Presentation** | Video design uses little or transitions, effects, and color. Video presentation is of poor quality. | Video design uses some transitions, effects, and color. Video presentation is of average quality. | Video design uses transitions, effects, and color. Video presentation is of high quality. |