I chose to replicate the PowerShot camera seen below. To make my project original, I chose to use different colors. The Canon design and dimensions for the camera were found on the Canon website. I decided to use this as my template for SolidWorks because I enjoy art and photography. I own a camera similar to this model.

The most difficult portion of this project was to orient the buttons and lens as close to the Canon camera as possible. The physical specifications available on the website did not include the size of the buttons or the lens size. I tried to make these features as similar as I could to the PowerShot S110.

As I mentioned earlier, I am interested in art, specifically interior design. Photography of rooms that are decorated and other spaces is an essential part to the art, so a camera was something that came to mind.

Through this project I learned about how to take an already existing object and decide how to break it up into pieces to create those using SolidWorks. After creating the elements separately, I learned the assemble feature to put the parts together. Finally, my version of the PowerShotS110 was complete!