I chose to design a model of a guitar in SolidWorks because I felt as though it would be both challenging and enjoyable to create. The most difficult part of the project was creating the koi fish design, as I used only the line tool to create the shape and it took a long time to make it look how I wanted it to. This object relates to my hobbies because I enjoy playing the guitar and listening to acoustic music. By doing this project, I became much more proficient at using SolidWorks and had a great time doing it, since I was able to create something relating to my interests.

Below are photos of the major parts of my design.

The guitar:

The neck:  

The body:
The head:

Koi Fish:

The bridge:

Tuning peg:

Top: