Name: _____
Date: _____
Period: _____

Bridge Project – Self Evaluation

On the below, place today's date in the column that best matches your current ability for each of the listed state standards. Provide a piece of evidence to explain your choice.

State Standard	Exceeds Goal	Meets Goal	Progressing Toward Goal	Limited Progress	Evidence
Explain how beam, truss, and suspension bridges are designed to withstand forces that act on them.					
Identify the forces acting on a bridge, including compression, tension, and gravity using models, pictures, or diagrams					
Explain in writing the advantages and disadvantages of different styles of bridge design and be able to visually identify each style					
Conduct an experiment to discover and report on a bridge's ability to support a load based upon the interplay of tension and compression forces that result in a net force of zero					
Use technology to simulate how engineers plan, test, and revise designs of bridges given parameters including cost, time, safety, and aesthetics.					