





Name: \_\_\_\_\_

Block: \_\_\_\_\_

5. On Day three of the project we will be doing a design review of each groups ideas. Your group will be presenting to the class in order to get feedback. Put important feedback below.

<b>Completion/Skill Mastery</b>				
<p>3</p> <p>At the project due date the model works as a proof-of-concept. Functions correctly based on the scientific principles studied in the Scientific Inquiry, but is not a finished product.</p>	<p>3</p> <p>I used the information I found to come up with a design, and I built something that sort of works. I tested and modified my design to get it to work better.</p>	<p>3</p> <p>At the project due date the model physically represents a final version but does not work, or, shows most progress toward working but is incomplete.</p>	<p>1</p> <p>At the project due date the model does not function as intended and is not near completion</p>	
<b>Engineering process</b>				
<p>3</p> <p>I tested a prototype based on final design idea, and modified it based my results so that it functions as intended. vice actually works as expected/intended.</p>	<p>3</p> <p>I tried to build something based on a design I found, but it didn't work.</p>	<p>2</p> <p>I tried to build something based on a design I found, but it didn't work.</p>	<p>1</p> <p>I didn't really build anything - I just copied a design I found and didn't actually even try to build it.</p>	
<b>Efficiency/time usage</b>				
<p>3</p> <p>Most time used efficiently but maybe didn't have materials ready to begin, or missed classes/opportunities to engage in build.</p>	<p>3</p> <p>Most time used efficiently but maybe didn't have materials ready to begin, or missed classes/opportunities to engage in build.</p>	<p>2</p> <p>Missed classes, didn't have materials ready for building promptly, or had materials ready but didn't engage in building efficiently</p>	<p>1</p> <p>Dawdled, wasted time, delayed, an made little progress</p>	
<b>Effort/work ethic</b>				
<p>3</p> <p>Independently researched, learned about the issue, devised and attempted to implement a solution/new idea/innovative twist on an existing product with a clear, viable purpose</p>	<p>3</p> <p>researched, learned about the issue. Solution is kind of a new idea but draws heavily from existing projects/products. Could be more novel. Doesn't have the clearest purpose, usefulness or viability</p>	<p>2</p> <p>drew heavily from existing ideas, didn't alter or innovate in any major way. Build quality is good but purpose/intent/viability isn't clear.</p>	<p>1</p> <p>Dawdled, wasted time, delayed, threw hands up and asked to be told what to do</p>	
<b>Communication</b>				
<p>3</p> <p>Early communicated all features of the design through labeled blueprint/sketch, verbal presentation, or product demonstration detailed enough for another person to recreate the design</p>	<p>3</p> <p>Most, but not all, design features were communicated well. Someone else could build it with some assistance</p>	<p>2</p> <p>Blueprint/sketch is has some labels and measurements, but is difficult to interpret and would be difficult to build from</p>	<p>1</p> <p>Even when prompted, student would not communicate design features, and it would be very difficult/impossible for someone else to recreate the design.</p>	