

7.0.S Like an Engineer Rubric

Name: _____ Date: _____ Period _____

Directions:

1. Glue the rubric into your science notebook page number _____.
2. In pencil, individually circle the most important words in each box.
3. In your team, share out your circled words and highlight the REALLY important words.

Category	3	2	1	0
Annotated Diagram	<p>DETAILED and LABELED diagram that includes 2 structures and function.</p> <p>Diagram includes 1 STRUCTURAL CHANGE with 3 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets ALL 4 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 3 PIECES of evidence from the process to explain how failure leads to innovation.</p>	<p>DETAILED and LABELED diagram that includes 1 structure and 1 function.</p> <p>Diagram includes 1 STRUCTURAL CHANGE with 2 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 3 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 2 PIECES of evidence from the process to explain how failure leads to innovation.</p>	<p>LITTLE DETAILED and/or UNLABELED diagram that includes 2 structures or function.</p> <p>Diagram includes 1 STRUCTURAL CHANGE with 1 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 2 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 1 PIECE of evidence from the process to explain how failure leads to innovation.</p>	<p>NO DETAILS and UNLABELED diagram that includes 1 structure or function.</p> <p>Diagram includes NO STRUCTURAL CHANGE and/or NO EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 1 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses NO PIECES of evidence from the process to explain how failure leads to innovation.</p>
Analyze Redesign	<p>Diagram includes 1 STRUCTURAL CHANGE with 3 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets ALL 4 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 3 PIECES of evidence from the process to explain how failure leads to innovation.</p>	<p>Diagram includes 1 STRUCTURAL CHANGE with 2 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 3 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 2 PIECES of evidence from the process to explain how failure leads to innovation.</p>	<p>Diagram includes 1 STRUCTURAL CHANGE with 1 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 2 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 1 PIECE of evidence from the process to explain how failure leads to innovation.</p>	<p>Diagram includes NO STRUCTURAL CHANGE and/or NO EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 1 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses NO PIECES of evidence from the process to explain how failure leads to innovation.</p>
Prototype	<p>Diagram includes 1 STRUCTURAL CHANGE with 3 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets ALL 4 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 3 PIECES of evidence from the process to explain how failure leads to innovation.</p>	<p>Diagram includes 1 STRUCTURAL CHANGE with 2 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 3 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 2 PIECES of evidence from the process to explain how failure leads to innovation.</p>	<p>Diagram includes 1 STRUCTURAL CHANGE with 1 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 2 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 1 PIECE of evidence from the process to explain how failure leads to innovation.</p>	<p>Diagram includes NO STRUCTURAL CHANGE and/or NO EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 1 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses NO PIECES of evidence from the process to explain how failure leads to innovation.</p>
Innovations	<p>Diagram includes 1 STRUCTURAL CHANGE with 3 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets ALL 4 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 3 PIECES of evidence from the process to explain how failure leads to innovation.</p>	<p>Diagram includes 1 STRUCTURAL CHANGE with 2 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 3 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 2 PIECES of evidence from the process to explain how failure leads to innovation.</p>	<p>Diagram includes 1 STRUCTURAL CHANGE with 1 PIECES of EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 2 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses 1 PIECE of evidence from the process to explain how failure leads to innovation.</p>	<p>Diagram includes NO STRUCTURAL CHANGE and/or NO EVIDENCE explaining the effect of the change on the lander.</p> <p>Construct a prototype that meets 1 CONSTRAINTS: Dimensions, Weight, Material, and Innovation.</p> <p>Uses NO PIECES of evidence from the process to explain how failure leads to innovation.</p>