

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

Project Title: \_\_\_\_\_

Highlight the appropriate boxes below. Give yourself a score for each row.

Total the four rows and then divide to get an overall average score.

<i>Build Project Assessment Rubric</i>						
	1	2	3	4	5	
<i>Criteria</i>	Beginning	Developing	Proficient	Advanced	Beyond	Score
<b>COMPLETE</b>	Machine is poorly built or appears to have been built hastily; does not work or does not work consistently.	Machine works, may or may not complete task. May be fragile, require special handling to work.	Machine is sturdy, works consistently; completes task.	Machine is sturdy, works well, completes task. Machine meets all requirements for build choice. Works consistently. Not fragile.	Machine is sturdy, works well, completes a very clever or difficult task. Machine shows complexity of task, detail in workmanship	
<b>CORRECT</b>	Machine elements missing. Build project lacks a sense of completeness.	Missing element(s) May work but clearly lacks pieces to work well or as intended.	All elements/parts used properly and work well together. Some elements may be nearly identical repeats.	All elements used properly. At least half are unique (non-repeats) Machine works as intended.	Well beyond requirements for elements. Most elements demonstrate clever & unique use.	
<b>COMPREHENSIVE</b>	Little use of effort or creativity. Hasty in appearance/ construction. Machine seems a bit simplistic.	Attempt to be thematic/creative. One or two elements show real effort/creativity.	Obvious effort. Several elements are creative or clever. Attention to detail evident.	Project incorporates a theme, very clever use of elements. Most elements are unique. Obvious effort and attention to detail/ workmanship.	All of Advanced and has additional 'Wow!' factor. Crowd pleaser, thematic, incredibly clever use and variety of elements.	
<b>PRESENTATION</b>	Student cannot explain the function of the machine and its elements. Elements not used/explained properly.	Student gives some explanation of machine function, but may not be clear about which elements were used.	Student explains function of each step, and it is clear about how the machine works. Elements are easily explained.	Machine elements explained clearly and in detail. Student can easily explain function of each element and how they are used to make a complex machine.	All of Advanced AND has additional 'Wow!' factor in presentation style, attitude or excitement. Obviously proud of accomplishment.	
						<b>TOTAL</b>
						<b>OVERALL AVG.</b>

Give a brief description of your building process. Answer the following questions in your explanation. Write (or print out) on the back of this sheet.

- What did you do to plan your project? How could you improve next time?
- How did you work through problems that came up?
- Did you start early enough to accomplish what you had in mind?
- What were the most difficult challenges for you?
- How would you improve your project if you were to redo/rebuild it?
- What are some things you learned about constructing a working model/project?
- What are you most proud of accomplishing?