

Final Design Rubric

Criteria	4. Advanced Engineer	3. Proficient Engineer	2. Developing Engineer	1. Junior Engineer	Total
Research	Student shows evidence of extensive research about hingeback tortoises and their habitats in their lab notebooks.	Student has sufficient research about hingeback tortoises and their habitats in their lab notebooks.	Student has minimal research about hingeback tortoises and their habitats in their lab notebooks.	Student has little to no research about hingeback tortoises and their habitats in their lab notebooks.	
Planning	Student has a clear and concise plan in their lab notebook that shows what they will be using in designing their habitat.	Student has a plan in their lab notebook that shows what they will be using in designing their habitat.	Student has a plan in their lab notebook that might be hard to follow that shows what they will be using in designing their habitat.	Student has no plan in their lab notebook that shows what they will be using in designing their habitat.	
Design/Redesign	Student designs an optimal habitat and redesigns as needed.	Student designs an appropriate habitat and redesigns as needed.	Student designs an appropriate habitat but does not redesign as needed.	Student does not design a habitat or attempt to redesign as needed.	
Presentation	Student speaks and presents their information clearly.	Student speaks and presents their information.	Student speaks quietly and only presents some of their information.	Student does not contribute to the presentation.	
Participation	Student was an active member of the group and contributed helpful ideas to the group.	Student was an active member of the group.	Student contributed to the group but was not actively involved.	Student did not contribute to the group.	

Total =

Teacher Comments:
