

Grade 6 Rubric and Self Assessment



Name: _____

Single Point Rubric		
Grows How you can strengthen your work.	Learning Goal	Glows Strong aspects to your work.
	I can explain how the four forces of flight (lift, drag, thrust, and weight) work on my airplane or drone.	
	I can effectively use the engineering design process (design, build, test, redesign) to create and improve my device.	
	I can clearly communicate my choices and results.	
	I can be independent, productive, responsible, and respectful during the challenge.	

STEM Reflection
1. What was the greatest success in your final design (for either the drone or the parachute)? Why did it work well?
2. If you had more time and materials , what is the one change you would make to your design to better manage one of the forces of flight (lift, drag, thrust, or weight)?
3. How does the challenge you completed (Drone or Parachute) relate to a real-world application of science or technology, or the need for sustainability in delivery methods?