

Aerodynamics

Grading Rubric

Team Members: _____

Student Grading		Teacher Grading	
Name, etc.	3 pts _____	Name, etc.	3 pts _____
Phase 1		Phase 1	
Definitions	10 pts _____	Definitions	10 pts _____
Phase 2		Phase 2	
Paper Airplane Data	10 pts _____	Paper Airplane Data	10 pts _____
Phase 3		Phase 3	
Tunnel Data	5 pts _____	Tunnel Data	5 pts _____
Dynamic Pressure	10 pts _____	Dynamic Pressure	10 pts _____
Graph Data	10 pts _____	Graph Data	10 pts _____
Phase 4		Phase 4	
Test Car Data	5 pts _____	Test Car Data	5 pts _____
Phase 5		Phase 5	
Thumbnail Sketches	12 pts _____	Thumbnail Sketches	12 pts _____
Design Matrix	15 pts _____	Design Matrix	15 pts _____
Final Design	15 pts _____	Final Design	15 pts _____
Dimensions	3 pts _____	Dimensions	3 pts _____
Phase 6		Phase 6	
Time on Task	25 pts _____	Time on Task	25 pts _____
Phase 7		Phase 7	
Lift/Drag	5 pts _____	Lift/Drag	5 pts _____
Weight	5 pts _____	Weight	5 pts _____
Time	5 pts _____	Time	5 pts _____
Phase 8		Phase 8	
Feedback Questions	12 pts _____	Feedback Questions	12 pts _____
Quality of Build	25 pts _____	Quality of Build	25 pts _____
Attributes of Design	25 pts _____	Attributes of Design	25 pts _____
Total	200 pts _____	Total	200 pts _____