

Group Members Names _____

Documentation Grade _____

Powered Flight

Design Activity Documentation Grading Rubric
20 elements worth up to five points each

	Student Self Assessment	Teacher Assessment
<u>Problem and Design Brief</u>		
All given handouts included	_____	_____
<u>Research and Information Gathering</u>		
Sources cited properly	_____	_____
At least three outside sources referenced	_____	_____
Evidence of appropriate concepts researched	_____	_____
Notes from teacher lessons are included	_____	_____
<u>Alternate Designs</u>		
At least three or four different ideas developed	_____	_____
Designs are drawn using appropriate methods (ortho or iso)	_____	_____
Each idea explained with short notes	_____	_____
Solutions are based on historical or futuristic aircraft	_____	_____
<u>Choosing a Solution</u>		
Justification of why the idea was chosen over others included	_____	_____
<u>Development and Drawing(s)</u>		
Plan drawing of solution included	_____	_____
Dimensions included	_____	_____
Designated materials included	_____	_____
Drawn using appropriate methods (orthographic or isometric)	_____	_____

Building

Time spent on construction logged each day _____

Testing, Evaluation and Redesign

Records of all adjustments made _____

Data and calculations for aircraft specifications included _____

Ideas for redesign included _____

Overall Documentation

Completed and presented neatly _____

Evidence of all group members' work _____

Totals
