



KidWind Challenge: Scoring Sheet

Team Name: _____

Team Members: _____

Categories	Possible Points	Points Earned
Engineering Design Process- 30 points		
PROCESS: <ul style="list-style-type: none"> • Work shows mastery of engineering design process and reasoning. • Steps of the “Engineering Design Process” are demonstrated • Measurements were gathered at each appropriate step 	10	
BLADES: <ul style="list-style-type: none"> • Blades are sturdy • Demonstrates evidence for choosing blade design • Shows process of determining: pitch, number of blades, length, materials, balance 	10	
INNOVATION & CREATIVITY: <ul style="list-style-type: none"> • Design is functional • Project exhibits uniqueness in materials and construction of turbine 	10	
Documentation of Engineering Design- 20 points		
TEACHER PREFERENCE: (ex. lab report, journal, etc.) <ul style="list-style-type: none"> • Documentation on “Student Worksheet” is organized and shows evidence and process of learning. • Documentation of daily accomplishments 	20	
Knowledge of Turbine, Electricity & Wind Energy - 20 points		
POST POLL SCORE:	20	
Energy Produced- 30 points		
HIGHEST READING: <ul style="list-style-type: none"> • Volts (v) _____ • Power (W) _____ • Efficiency (%) _____ 	LOWEST READING: <ul style="list-style-type: none"> • Volts (v) _____ • Power (W) _____ • Efficiency (%) _____ 	30
TOTAL SCORE		100

Comments/Notes: _____
