

Modified Solar Car Challenge Point Sheet and Rubric

Team Name: _____

Team Colors: _____

Part I: Solar Car Assembly and Design

Car is painted in team colors _____ / 10 points

Deductions: incomplete / messy / other

Car is assembled, it works, and sits on a stand _____ / 15 points

Deductions: incomplete / missing parts / other

Car has been re-engineered for improved performance _____ / 10 points

Deductions: incomplete / missing parts / other

Points for Part I: _____ / 35

Part II: Solar Technology Static Display Board

Creativity, Neatness, Overall Presentation and Color _____ / 20 points

Deductions: too much white / messy / handwritten / unoriginal

Panel I Contains the Following Information _____ / 5 points

Team Name in BIG, BLOCK letters 2 points

Team Members Names 1 point

Team Colors 1 point

Hour you have Science 1 point

Panel II Contains Pictures and Captions Showing _____ / 20 points

Construction of the Car 5 points

Modifications Made to the Car 5 points

Testing the Car 5 points

Captions are provided 5 points

Deductions: spelling / grammar / punctuation

Panel III Contains the Following Information

Student-created labeled diagram 10 points _____ / 10 points

Deductions: no labels / messy

Explains how Solar Cells/Solar Cars work 10 points _____ / 10 points

Deductions: not in group's own words / incomplete explanation

Points for Part II: _____ / 65

$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}} / 100$ <p>(Part I Points) (Part II Points)</p>
