

Craftsmanship		
	Max Score	Score
Integration of solar panel into car	5	
Strength of body joints with minimum weight gain	5	
Structural Stiffness Stiff = 5 Bends = 1	5	
Structural Strength Strong = 5 Weak = 1	5	
Vehicle attractiveness	5	
Materials chosen are appropriate as used	5	
How elegantly is cargo (can) carried?	5	
Judges discretionary bonus points	5	
TOTAL	40	

Craftsmanship

This category recognizes quality, thoughtfulness and care in design and assembly techniques, and planning and organization in selection and use of materials.

Craftsmanship can be demonstrated by factors such as neatness, precision, durability, balance, attention to detail, and the appearance of simplicity.

Scoring Items

1. Integration of solar panel into car – panel fits within the car’s “lines”, yet it can be easily detached and reattached.

Example Score 1 ... Looks like panel tacked on as an after thought with duct tape.

Score 5 ... Part of overall design ... Built into car not added on.

2. Strength of body joints with minimum weight gain – durability without excess bonding material

3. Structural Stiffness Stiff = 5 Bends = 1 – structural members are of optimal weight and are oriented and/or shaped to resist **bending** while handling a maximum load

4. Structural Strength Strong = 5 Weak = 1 - structural members are of optimal weight and are oriented and/or shaped to resist **braking** while handling a maximum load

5. Vehicle attractiveness – It looks good to you

Example Score 1 ... Excessive Glue, held together with masking tape.

Score 5 ... Very pleasant to look at, you would want to take it home.

6. Materials chosen are appropriate as used – don’t forget that scavenged materials can be highly desirable here

7. How elegantly is cargo (can) carried? - cargo fits securely within the car’s “lines”

Example Score 1 ... Holding the can was an afterthought very crude.

Score 5 ... Special holder built into car, well designed, well built.