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| --- | --- | --- | --- | --- | --- |
| **Points** | **0 – 1** | **1 – 2** | **2 – 3** | **3 – 4** | **4 – 5** |
| **Craftsmanship** | Little to no apparent theme, not attractive, sloppy execution | Minimal effort towards theme, somewhat attractive, not well executed | Decent effort towards theme, mostly attractive, mostly neat presentation, shows decent amount of work and skill | Clear theme, above average attractiveness, neat presentation and execution, above average work and skill, quality build | Supremely clear theme, superior attractiveness, neatness and execution, superior work and skill, superior quality build |
| **Engineering** | Little to no explanation or understanding of electrical connections, chassis design or material choices | Minimal effort to explain electrical connections from fuel cell to motor, chassis design as way to increase speed or distance, material choices in consideration of weight, re-use post race or recyclability | Decent effort to explain electrical connections from fuel cell to motor, chassis design as way to increase speed or distance, material choices in consideration of weight, re-use post race or recyclability | Clear understanding and explanation of electrical connections from fuel cell to motor, chassis design as way to increase speed or distance, material choices in consideration of weight, re-use post race or recyclability | Superior understanding and explanation of electrical connections from fuel cell to motor, chassis design as way to increase speed or distance, material choices in consideration of weight, re-use post race or recyclability |
| **Up-cycled Materials** | No mention of material choices. | Minimal effort to explain material choices, consideration of weight, re-use post-race or recyclability | Decent effort to explain material choices in consideration of weight, re-use post-race or recyclability. Material choices were somewhat resourceful | Clear understanding and explanation of material choices in consideration of weight, re-use post-race or recyclability. Material choices showed some ingenuity | Clear understanding and explanation of material choices in consideration of weight, re-use post-race or recyclability. Material choices were very resourceful and very skillfully used. |
| **Points** | **0 – 1** | **1 – 2** | **2 – 3** | **3 – 4** | **4 – 5** |

Hydrogen Car Challenge 2022 Vehicle Judging Rubric