



To: Design Team
From: Testing Team
Subject: Maximum Velocity

Here's the data from the last test run. We're thinking about adding more solar cells to the car, but we need the answers to two questions. Can you help us?

- 1) What would the maximum velocity of the car be with 700 solar cells?
- 2) How many solar cells would be required to reach a maximum velocity of 60 mpg?

# of solar cells	maximum velocity
100	30.5
200	38.5
300	44.0
400	48.4
500	52.1