

Austin Cantor
It's All in the Movement

Consumers of solar panels need solar panels to receive full light because it will improve energy output and lower the cost of energy. This investigation involved creating a more efficient solar panel. The essential design criteria included the following: (1) the solar panel received full sun intensity, and (2) the solar panel needed to track the sun. The prototype met all of the design criteria. The solar panel received full sun intensity throughout the duration of the tests. The solar panel did track the sun. Based on the analysis, the next prototype would have the “brain” on the top of the robot. This would make it easier to replace the batteries and make the screen more legible.