

Name: _____

Date: _____

Period: _____

Photon Scramble Comprehension/Assessment

1. How did this game illustrate the production of an electrical current from sunlight?
2. What did the game leave out?
3. Was your level of physical exertion equal to the amount of “electricity” your team produced? Explain.
4. Did you figure out a way to work together or was it every electron for himself/herself? What do you think is a more realistic representation of how electrons actually behave?
5. What factors influence the efficiency of solar panels?
6. Why do electrons only flow in one direction?
7. Why does the p-n junction exist in solar panels?