

# STUDENT WORKSHEET

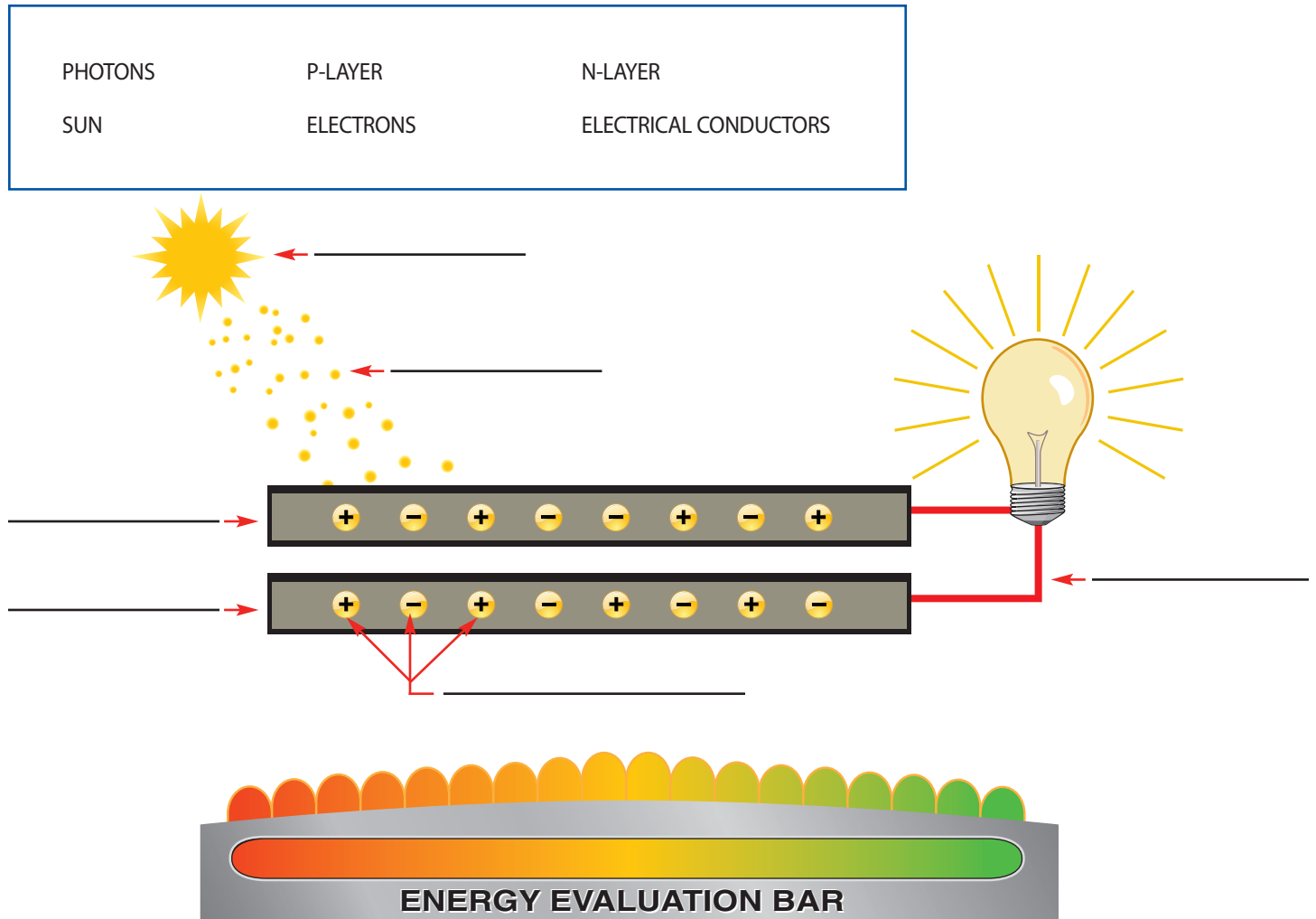
Safety Smart® Science with Bill Nye the Science Guy®:  
Renewable Energy

## Solartastic

Date: \_\_\_\_\_

Name: \_\_\_\_\_

As you saw in the *Safety Smart Science: Renewable Energy* and *Solartastic* videos, solar cells convert sunlight directly into electricity. Use the words below to label the solar cell diagram, and then circle the section of the Energy Evaluation Bar that identifies whether or not solar energy is efficient (orange is “not efficient” and green is “very efficient”).



In the space below, describe how solar cells use the sun's renewable energy to create electricity. Make sure to include the words “capture,” “transfer,” and “convert.”

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