

 NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solar Toy Exploration**

1. Examine the solar toy. What do you see?
2. With only the light from the room, does the solar toy move?

1. Take your solar toy outside in the sunlight. What happens? (A bright indoor light can be also used.)
2. Think! How can you make the solar toy stop moving? Explain how?
3. Think again! Make the solar toy move more slowly. Explain how?
4. Use this word bank to complete the paragraph.

 Motor Solar panel Blocked

 Electrical energy Light energy

The \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ from the sun is changed to electrical energy in the \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_. The \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_makes the motor turn. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ makes the grasshopper move. When the light is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the grasshopper stops moving.