



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?
3. Take your solar toy outside in the sunlight. What happens? (A bright indoor light can be also used.)
4. Think! How can you make the solar toy stop moving? Explain how?
5. Think again! Make the solar toy move more slowly. Explain how?
6. 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.