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How can light energy create motion?

Form a Hypothesis

A radiometer spins when exposed to sunlight. What do you think will happen if it is exposed to different sources of light? Write your answer as a hypothesis in the form "If a radiometer is exposed to different light sources, then . . ."

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Materials

- radiometer
- light sources
- black cloth

Test Your Hypothesis

Place the radiometer in bright, natural sunlight. Record your observations.

2 Try using different light sources and light sources with different intensities. Record your observations. Does the radiometer speed up, slow down, or stay the same?

Light Source	Light Intensity	Observations
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How do you think the motion of the radiometer would change if it were placed in direct sunlight for a whole day? Form a hypothesis and test it. Then analyze and present your results.