

## **Loop key for Light and Shadows**

I have: light

Who has: an object or device that gives off light?

I have: light source

Who has: usable power, like heat or electricity?

I have: energy

Who has: the amount of opening formed by the rays of light from the flashlight and the shadow formed on the poster board?

I have: angle

Who has: the measure of an object from end to end?

I have: length

Who has: the measure of an object from the bottom to the top?

I have: height

Who has: when light hits an object and is retained in making the object hot?

I have: absorb

Who has: what happens when an object blocks light?

I have: casts a shadow

Who has: an object that lets light pass through?

I have: transparent

Who has: a dark image cast on the ground or some surface by an object blocking light?

I have: shadow

Who has: light bouncing off a surface like a mirror?

I have: reflection

Who has: the way something is moving and facing?

I have: direction

Who has: giving off light as the sun does?

I have: emission

Who has: when light cannot pass through an object?

I have: opaque

Who has: light bends as it passes through one object to another?

I have: refraction

Who has: a form of energy that comes from the sun?