

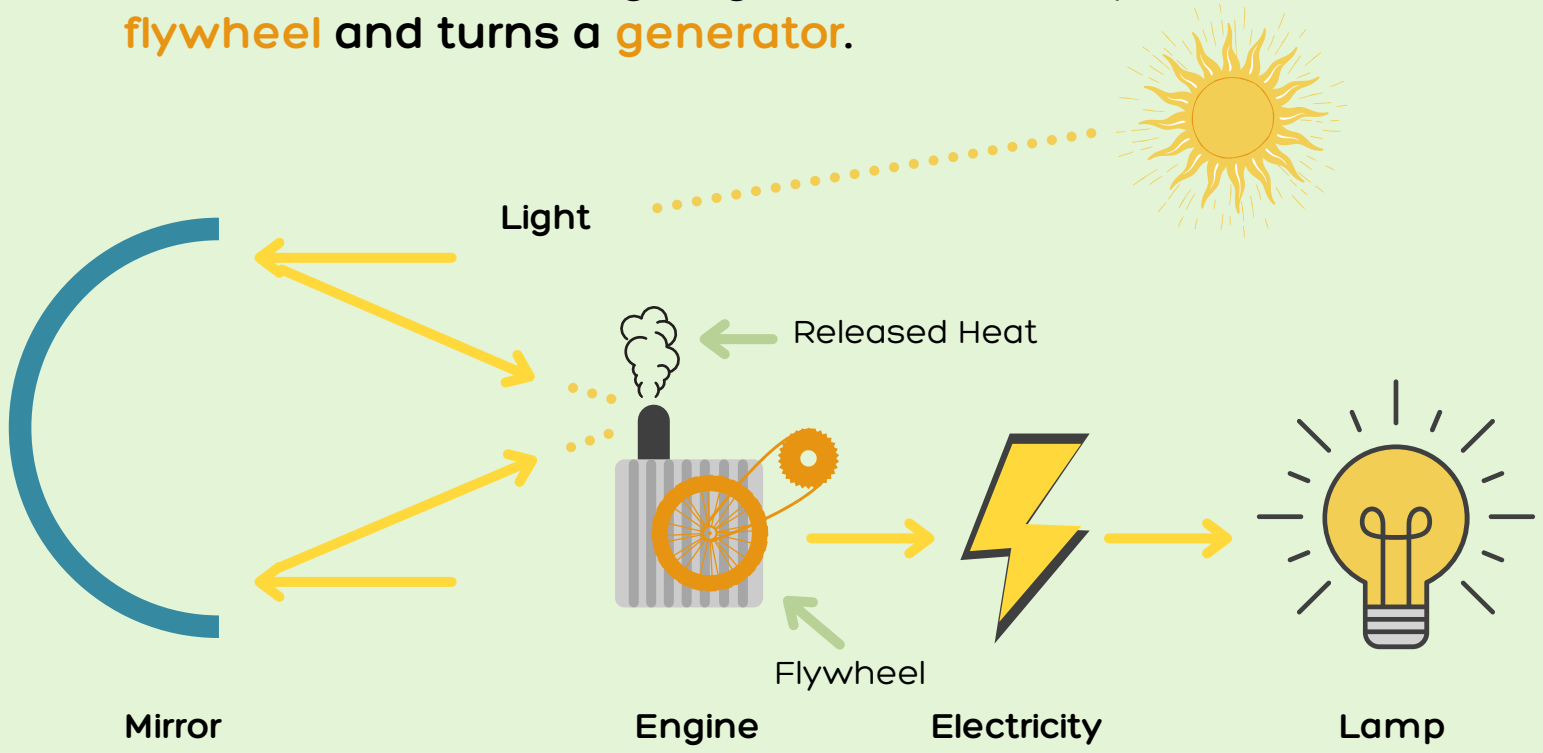


# Sunlight: Reflection, Concentration, and Absorption

Grade 4

Light is a form of energy that is around us that reaches us from the sun. When sunlight reaches the mirror, it is reflected and concentrated at the **focal point** to heat our **engine**. Light travels in straight lines from the sun and it travels in straight lines from the mirror to the engine.

The heat in the Stirling engine rotates the yellow **flywheel** and turns a **generator**.



The electricity from the generator turns the LED light ON.