Earth and Space Science Standards:

Students develop an understanding of how the Sun provides light and energy for the Earth systems.

Core Ideas:

- E1: The composition of the Earth and its atmosphere and the natural and human processes occurring within them shape the Earth's surface and its climate.

Standards:

3.E1U1.4 - *Construct an explanation describing how the Sun is the primary source of energy impacting Earth systems.*

Physical Science Standards:

Students develop an understanding of the sources, properties and characteristics of energy along with the relationship between energy transfer and the human body.

Core Ideas:

- P1: All matter in the Universe is made of very small particles.
- P2: Objects can affect other objects at a distance
- P3: Changing the movement of an object requires a net force to be acting on it.

Standards:

3.P2U1.1 – *Ask questions and investigate the relationship between light, objects, and the human eye.*