



Exploring Electricity: Where it's from and Why - Curriculum Connections

Suggested Grades: 5, 6

Curriculum Connections: Energy (Gr 5-6), Earth Systems (Gr 5)

Specific Learning Outcomes:

Grade 5

- *Energy* - Students investigate how forces can act on objects without contact (magnetism is used in electricity generation).
- *Earth Systems*
 - Students investigate the systems of Earth and reflect on how their interconnections sustain life (Impact of sunlight on organisms/biomass, natural resources, conservation).
 - Students analyze climate and connect it to weather conditions and agricultural practices (Climate is the long-term weather patterns of a region over a period of at least 30 years).

Grade 6

- *Energy* - Students investigate and analyze various energy resources.
- *Earth Systems* - Students investigate climate, changes in climate, and the impact of climate change on Earth (relate electricity to greenhouse gas emissions).