

Grade Six Planning Guide

Grade Six lessons are multi day and need additional time for particular lessons. This guide is intended to provide approximate days/sessions needed for each lesson.

Lesson	*Time	Concept
<i>*Pre-assessment</i>	1 day	
6.1 Forms of Energy	2 days	Energy is the ability to do work and has many forms.
6.2 Potential and Kinetic Energy	1 day	Energy can be potential (stored energy) or kinetic (energy of motion).
6.3 Energy Transfer and Transformation	3 day	Energy can be transferred and transformed using Rube Goldberg Machine Designing.
6.4 Thermal Energy Flow in Materials.	2-3 days	Light energy radiating the sun is transformed and transferred through conduction and convection to Earth systems.
6.5 Energy from the Wind	2 days	Wind energy caused by uneven heating of the Earth is transformed to a windmill to do work.
6.6 Energy from Water Wheels	2 days	Moving water can do work by transferring energy to waterwheels.
6.7 Peanut Energy	1 days	Stored Energy in peanuts is transformed to heat energy.
<i>* Formative Assessment #2</i>	1 day	
6.8 Solar Energy	1 days	Introduces renewable and nonrenewable energy source for batteries.
6.9 Renewable-Nonrenewable Energy	2 days	Renewable and nonrenewable energy sources are evaluated for drawbacks and benefit.
<i>* Post Assessment</i>	1 day	