

Motion

Content Area: **Science**
Course(s): **Science 4**
Time Period: **Undefined**
Length: **Undefined**
Status: **Published**

Unit Overview

Essential Questions

How can motion be described and measured?

What is speed?

Content

The rate at which an object changes position is called speed.

Skills

Find, describe, and graph the speed of an object.

Assessments

Apply understanding of motion and speed to describe how a car moves.

Study Guide

Chapter Review

Chapter Test

Benchmark Practice

Performance-Based Assessment, Program Guide pg 70: Height and Potential Energy, Cooking up Science and/or Write a Poem

STEM Activity Book

Lessons/Learning Scenarios

Chapter 10: Lesson 2 (You do not need to teach Lesson 1)

Inquiry, pg 434-435: How can you measure motion?

Vocabulary

Study Guide

Chapter Review

Standards

SCI.3-4.5.1.4.B.3	Formulate explanations from evidence.
SCI.3-4.5.2.4.E	It takes energy to change the motion of objects. The energy change is understood in terms of forces.
SCI.3-4.5.2.4.E.2	Identify the force that starts something moving or changes its speed or direction of motion.
SCI.3-4.5.2.4.E.b	There is always a force involved when something starts moving or changes its speed or direction of motion. A greater force can make an object move faster and farther.

Resources
