

# Motion

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

## Unit Overview

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## Essential Questions

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How can motion be described and measured?

What is speed?

## Content

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

## Skills

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

## Assessments

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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

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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

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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

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