



9.1 Lesson Plans



KEY

SE = Student Edition, TWE = Teacher Wraparound Edition, TCR = Teacher Classroom Resources, STVS = Science and Technology Videodisc Series, PCA = Physics for the Computer Age

Impulse and Momentum

Section Objectives

- _____ Compare the system before and after an event in momentum problems.
- _____ Define the momentum of an object.
- _____ Determine the impulse given to an object.
- _____ Recognize that impulse equals the change in momentum of an object.

National Science Content Standards UCP.1, UCP.2, UCP.3, A.1, A.2, B.4, E.1, E.2, F.1

Georgia QCC 1, 6, 7, 7.2, 24.3, 24.4

Schedule

- Block schedule: 1 session
- Single-period schedule: 1 session

Focus

- _____ Uncovering Misconceptions, TWE p. 200

Teach

- | | |
|---|---|
| _____ Physics & Technology, SE p. 202 | _____ Applying Physics, TWE p. 203 |
| _____ Pocket Lab, SE p. 205 | _____ Demonstration 9-1, TWE pp. 204–205 |
| _____ Fine Arts Connection, SE p. 205 | _____ Laboratory Manual, Lab 9.2, TCR |
| _____ Quick Demos, TWE pp. 199, 201 | _____ Physics Lab and Pocket Lab Worksheets, p. 45, TCR |
| _____ Physics Journal, TWE pp. 201, 203 | _____ Spanish Resources, TCR |
| _____ Tech Prep, TWE p. 202 | |

Assess/Reteach

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|--|-----------------------------------|
| _____ Section Review, SE p. 206 | _____ Study Guide, pp. 49–52, TCR |
| _____ Checking for Understanding, TWE p. 206 | _____ Supplemental Problems, TCR |
| _____ Reteaching, TWE p. 206 | |

Enrichment/Application

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|------------------------------|-----------------------------|
| _____ Enrichment, TWE p. 204 | _____ Extension, TWE p. 206 |
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Close

- _____ Closing Strategy, TWE p. 206

Chapter Assessment

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| _____ Assessment, TWE p. 201 | _____ Performance Assessment in the Science Classroom |
| _____ Alternate Assessment in the Science Classroom | |

Multimedia Options

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| _____ CD-ROM: Interactive Physics | _____ TestCheck Software |
| _____ Videotape: MindLogger Videoquizzes | |