



3.2

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

Where and When?

Section Objectives

- _____ Choose coordinate systems for motion problems.
- _____ Differentiate between scalar and vector quantities.
- _____ Define a displacement vector and determine a time interval.
- _____ Recognize how the chosen coordinate system affects the signs of vector quantities.

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

Georgia QCC 1, 2, 2.1, 2.6, 3.4, 7, 7.2

Schedule

Block schedule: 1/2 session
Single-period schedule: 1 session

Focus

- _____ Convergent Question, TWE p. 47

Teach

- | | |
|--|---|
| _____ Pocket Lab, SE p. 50 | _____ Connections to History, TWE p. 50 |
| _____ How It Works, SE p. 52 | _____ Physics Lab and Pocket Lab Worksheets, p. 11, TCR |
| _____ Quick Demo, TWE p. 48 | _____ Physics Skills, Skill 14, TCR |
| _____ Demonstration 3-1, TWE pp. 48–49 | _____ Spanish Resources, TCR |
| _____ Physics Journal, TWE p. 49 | |

Assess/Reteach

- | | |
|---|----------------------------------|
| _____ Section Review, SE p. 51 | _____ Study Guide, p. 15, TCR |
| _____ Checking for Understanding, TWE p. 50 | _____ Supplemental Problems, TCR |
| _____ Reteaching, TWE p. 51 | |

Enrichment/Application

- | | |
|----------------------------|------------------------------------|
| _____ Extension, TWE p. 51 | _____ Critical Thinking, p. 4, TCR |
|----------------------------|------------------------------------|

Close

- _____ Activity, TWE p. 51

Chapter Assessment

- | | |
|---|---|
| _____ Assessment, TWE p. 49 | _____ Performance Assessment in the Science Classroom |
| _____ Alternate Assessment in the Science Classroom | |

Multimedia Options

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|--|---|
| _____ CD-ROM: What Is Physics?; Mathematical Relationships; Vectors; Velocity, PCA | _____ Videodisc: STVS Earth and Space, Disc 3, Side 1, Ch. 15 |
| _____ Videotape: MindJogger Videoquizzes | _____ TestCheck Software |

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