



5.1

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

Graphing Motion in One Dimension

Section Objectives

- _____ Interpret graphs of position versus time for a moving object to determine the velocity of the object.
- _____ Describe in words the information presented in graphs and draw graphs from descriptions of motion.
- _____ Write equations that describe the position of an object moving at constant velocity.

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

Georgia QCC 1, 2, 2.2, 2.6, 3.4, 24.3, 24.4

Schedule

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

Focus

- _____ Focus Strategy, TWE p. 82

Teach

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|--|---|
| _____ Pocket Lab, SE p. 87 | _____ Connections to Biology, TWE p. 88 |
| _____ Earth Science Connection, SE p. 89 | _____ Transparencies 6, 7 Masters and Worksheets, pp. 13–16, TCR |
| _____ Quick Demos, TWE pp. 81, 84 | _____ Physics Lab and Pocket Lab Worksheets, p. 19, TCR |
| _____ Tech Prep, TWE p. 84 | _____ Spanish Resources, TCR |
| _____ Physics Journal, TWE p. 85 | |
| _____ Demonstration 5-1, TWE pp. 86-87 | |

Assess/Reteach

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|---|------------------------------------|
| _____ Section Review, SE p. 89 | _____ Study Guide, pp. 25–27, TCR |
| _____ Checking for Understanding, TWE p. 89 | _____ Supplemental Problems, TCR |
| _____ Reteaching, TWE p. 89 | |

Enrichment/Application

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| _____ Cultural Diversity, TWE p. 83 | _____ Extension, TWE p. 89 |
| _____ Enrichment, TWE p. 88 | _____ Enrichment, pp. 9–10, TCR |

Close

- _____ Closing Strategy, TWE p. 89

Chapter Assessment

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| _____ Assessment, TWE p. 84 | _____ 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 | |