



2.3

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

Visualizing Data

Section Objectives

- _____ Graph the relationship between independent and dependent variables.
- _____ Recognize linear and direct relationships and interpret the slope of a curve.
- _____ Recognize quadratic and inverse relationships.

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

Georgia QCC 1, 1.1, 1.2, 1.3, 1.4, 3.4, 7, 9, 24, 24.1, 24.2, 24.3

Schedule

- Block schedule: 1 1/2 sessions
- Single-period schedule: 3 sessions

Focus

- Focus Strategy, TWE p. 30

Teach

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| <ul style="list-style-type: none"> Pocket Lab, SE p. 31 Design Your Own Physics Lab, SE p. 32 _____ How It Works, SE p. 35 _____ Physics Journal, TWE p. 31 Quick Demo, TWE p. 33 | <ul style="list-style-type: none"> _____ Connections to Chemistry, TWE p. 33 Demonstration 2–2, TWE pp. 34–35 Physics Lab and Pocket Lab Worksheets, pp. 5–6, 8, TCR _____ Spanish Resources, TCR |
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Assess/Reteach

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| <ul style="list-style-type: none"> Section Review, SE p. 36 _____ Checking for Understanding, TWE p. 36 Reteaching, TWE p. 36 Study Guide, p. 12, TCR | <ul style="list-style-type: none"> Reteaching, p. 3, TCR _____ Supplemental Problems, TCR Reviewing Physics: Mastering the Georgia QCC, TCR |
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Enrichment/Application

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| <ul style="list-style-type: none"> Extension, TWE p. 36 | <ul style="list-style-type: none"> _____ Enrichment, pp. 3–4, TCR |
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Close

- Cooperative Activity, TWE p. 36

Chapter Assessment

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| <ul style="list-style-type: none"> Chapter Review, SE pp. 37–41 _____ Assessment, TWE p. 33 Chapter Assessment, pp. 5–8, TCR | <ul style="list-style-type: none"> _____ Alternate Assessment in the Science Classroom _____ Performance Assessment in the Science Classroom |
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Multimedia Options

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| <ul style="list-style-type: none"> CD-ROM: Tools, What Is Physics?, Mathematical Relationships, PCA Videotape: MindJogger Videoquizzes | <ul style="list-style-type: none"> Videodisc: STVS Physics, Disc 1, Side 2, Ch. 16 _____ TestCheck Software |
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