



2.1

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

The Measures of Science

Section Objectives

- _____ Define the SI standards of measurement.
- _____ Use common metric prefixes.
- _____ Estimate measurements and solutions to problems.
- _____ Perform arithmetic operations using scientific notation.

National Science Content Standards UCP.1, UCP.3, A.1, A.2, B.4, E.1, E.2, F.6, G.1, G.3

Georgia QCC 1, 1.2, 24.2, 24.3, 24.4

Schedule

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

Focus

- _____ Discrepant Event, TWE p. 16

Teach

- _____ History Connection, SE p. 18
- _____ Pocket Lab, SE p. 19
- _____ Using a Calculator, SE p. 23
- _____ Quick Demos, TWE pp. 15, 17
- _____ Applying Physics, TWE p. 18
- _____ Tech Prep, TWE p. 19
- _____ Demonstration 2–1, TWE pp. 20–21
- _____ Transparency 2 Master and Worksheet, pp. 3–4, TCR
- _____ Physics Lab and Pocket Lab Worksheets, p. 7, TCR
- _____ Spanish Resources, TCR

Assess/Reteach

- _____ Section Review, SE p. 23
- _____ Checking for Understanding, TWE p. 22
- _____ Reteaching, TWE p. 23
- _____ Study Guide, pp. 7–9, TCR
- _____ Supplemental Problems, TCR

Enrichment/Application

- _____ Extension, TWE p. 23
- _____ Cultural Diversity, TWE p. 17
- _____ Critical Thinking, pp. 2–3, TCR

Close

- _____ Activity, TWE p. 23

Chapter Assessment

- _____ Alternate Assessment in the Science Classroom
- _____ Performance Assessment in the Science Classroom

Multimedia Options

- _____ Videotape: MindJogger Videoquizzes
- _____ Videodisc: STVS Physics, Disc 1, Side 2, Ch. 3
- _____ TestCheck Software