



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

Electrical Charge

Section Objectives

- _____ **Recognize** that objects that are charged exert forces, both attractive and repulsive.
- _____ **Demonstrate** that charging is the separation, not the creation, of electrical charges.
- _____ **Describe** the differences between conductors and insulators.

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

Georgia QCC 1, 1.1, 1.2, 1.3, 1.4, 16, 16.1, 24.1
Schedule

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

Focus

- _____ Activity, TWE p. 462

Teach

- | | |
|--------------------------------------|---|
| _____ Help Wanted, SE p. 464 | _____ Connections to Earth Science, TWE p. 465 |
| _____ Physics Lab, SE p. 467 | _____ Physics Lab and Pocket Lab Worksheets, pp. 107–108, TCR |
| _____ Quick Demos, TWE pp. 461, 464 | _____ Graphing Calculators in the Science Classroom |
| _____ Demonstration 20-1, TWE p. 464 | _____ Spanish Resources, TCR |
| _____ Physics Journal, TWE p. 464 | |
| _____ Applying Physics, TWE p. 465 | |

Assess/Reteach

- | | |
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| _____ Section Review, SE p. 466 | _____ Study Guide, pp. 115–116, TCR |
| _____ Checking for Understanding, TWE p. 465 | _____ Supplemental Problems, TCR |
| _____ Reteaching, TWE p. 466 | |

Enrichment/Application

- | | |
|------------------------------|-----------------------------|
| _____ Enrichment, TWE p. 465 | _____ Extension, TWE p. 466 |
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Close

- _____ Activity, TWE p. 466

Chapter Assessment

- _____ Assessment, TWE p. 463
- _____ Alternate Assessment in the Science Classroom
- _____ Performance Assessment in the Science Classroom

Multimedia Options

- _____ **CD-ROM:** Interactive Physics
- _____ **Videotape:** MindJogger Videoquizzes
- _____ **TestCheck Software**