








29.1 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




Conduction in Solids

<p>Section Objectives</p> <p>_____ Describe electron motion in conductors and semiconductors.</p> <p>_____ Compare and contrast <i>n</i>-type and <i>p</i>-type semiconductors.</p>	<p>National Science Content Standards UCP.1, UCP.2, UCP.3, A.1, A.2, B.1, B.2, E.1, E.2, F.6</p> <p>Georgia QCC 1, 1.2, 1.3, 1.4, 17.2, 20, 20.1, 20.2, 24.6</p> <p>Schedule</p> <p>Block schedule: optional lesson</p> <p>Single-period schedule: 2 sessions</p>
<p>Focus</p> <p> _____ Discrepant Event, TWE p. 670</p>	


Teach

<p>_____ Help Wanted, SE p. 673</p> <p> _____ Pocket Lab, SE p. 675</p> <p> _____ Quick Demos, TWE pp. 669, 676</p> <p>_____ Physics Journal, TWE p. 671</p> <p> _____ Demonstration 29-1, TWE pp. 676–677</p> <p> _____ Transparency 53 Master and Worksheet, pp. 117–118, TCR</p>	<p> _____ Physics Lab and Pocket Lab Worksheets, p. 159, TCR</p> <p> _____ Laboratory Manual, Lab 29.1, TCR</p> <p>_____ Spanish Resources, TCR</p>
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Assess/Reteach

<p> _____ Section Review, SE p. 678</p> <p>_____ Checking for Understanding, TWE p. 677</p> <p> _____ Reteaching, TWE p. 677</p>	<p> _____ Study Guide, pp. 169–172, TCR</p> <p>_____ Supplemental Problems, TCR</p>
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Enrichment/Application

<p>_____ Enrichment, TWE pp. 672, 676</p> <p>_____ Cultural Diversity, TWE p. 672</p>	<p> _____ Extension, TWE p. 678</p> <p>_____ Enrichment, pp. 57–58, TCR</p>
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Close

 _____ Activity, TWE p. 678

Chapter Assessment

<p>_____ Assessment, TWE p. 673</p> <p>_____ Alternate Assessment in the Science Classroom</p>	<p>_____ Performance Assessment in the Science Classroom</p>
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Multimedia Options

<p> _____ Videotape: MindJogger Videoquizzes</p>	<p>_____ TestCheck Software</p>
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