

# 10.1 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







## Energy and Work

<p><b>Section Objectives</b></p> <p>_____ Describe the relationship between work and energy.</p> <p>_____ Display an ability to calculate work done by a force.</p> <p>_____ Identify the force that does work.</p> <p>_____ Differentiate between work and power and correctly calculate power used.</p>	<p><b>National Science Content Standards</b> UCP.1, UCP.2, UCP.3, A.1, A.2, B.4, B.5, E.2</p> <p><b>Georgia QCC</b> 1, 1.1, 1.2, 3.4, 6, 6.3, 6.4, 24, 24.1, 24.2, 24.3, 24.4</p> <p><b>Schedule</b></p> <p>Block schedule: 1 session</p> <p>Single-period schedule: 2 sessions</p>
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

### Focus

 Discrepant Event, TWE p. 225


### Teach

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| <p> Pocket Labs, SE pp. 225, 227</p> <p> Design Your Own Physics Lab, SE p. 232</p> <p> Quick Demos, TWE pp. 223, 228</p> <p> Demonstration 10-1, TWE pp. 226–227</p> <p> Demonstration 10-2, TWE pp. 228–229</p> | <p>_____ Physics Journal, TWE p. 229</p> <p>_____ Tech Prep, TWE p. 230</p> <p> Physics Lab and Pocket Lab Worksheets, pp. 47–50, TCR</p> <p>_____ Spanish Resources, TCR</p> |
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### Assess/Reteach

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| <p> Section Review, SE p. 231</p> <p>_____ Checking for Understanding, TWE p. 230</p> <p> Reteaching, TWE p. 231</p> | <p> Study Guide, pp. 55–57, TCR</p> <p>_____ Supplemental Problems, TCR</p> |
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### Enrichment/Application

 Extension, TWE p. 231



### Close

 Closing Strategy, TWE p. 231

### Chapter Assessment

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| <p>_____ Assessment, TWE pp. 226, 230</p> <p>_____ Alternate Assessment in the Science Classroom</p> | <p>_____ Performance Assessment in the Science Classroom</p> |
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### Multimedia Options

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| <p> CD-ROM: Interactive Physics</p> <p> Videotape: MindJogger Videoquizzes</p> | <p>_____ TestCheck Software</p> |
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