The Early Paleozoic

Section Objectives
- **Describe** the Cambrian paleogeography of Laurentia.
- **Discuss** the concept of a passive margin.
- **Describe** the Cambrian fauna.

National Science Content Standards: UCP.2; D.3
New York Regents Standards: St 1 Science KI 2, St 4 KI 2.1l, 2.1j, 2.1o, 2.1t, 2.1v, & 2.1w, St 6 KI 2 & 3

Focus
- Section Focus Transparency 71 and Master

Teach
- Discovery Lab, SE p. 601
- GeoLab, SE pp. 618–619
- Demo, TWE p. 602
- Identifying Misconceptions, TWE p. 603
- GeoLab and MiniLab Worksheets, pp. 92–94 TCR
- Teaching Transparency 69 and Master

Assess
- Section Assessment, SE p. 604
- Check for Understanding, TWE p. 604
- Reteach, TWE p. 604
- Study Guide for Content Mastery, pp. 143–144 TCR

Chapter Assessment
- Assessment, TWE pp. 600, 604
- Alternate Assessment in the Science Classroom, TCR
- Cooperative Learning in the Science Classroom, TCR
- Performance Assessment in the Science Classroom, TCR
- Performance Assessment in Earth Science, pp. 21–24 TCR

Multimedia Options
- **Puzzlemaker Software**, Ch. 23
- **MindJogger Videoquizzes**, Ch. 23
- **ExamView Pro™ Test Bank**, Ch. 23
- Using the Internet in the Science Classroom, TCR
- Glencoe Science Web Site: science.glencoe.com
### Lesson Plan

#### The Middle Paleozoic

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<th>National Science Content Standards: UCP.2; UCP.4; B.3; C.3; D.3; E.1</th>
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<tr>
<td>• Describe the Middle Paleozoic paleogeography.</td>
<td><strong>New York Regents Standards:</strong> St 1 Math KI 1, St 4 K1 1.2i, 1.2j, 2.1m, 2.1n, 2.1o, 2.1w, &amp; 3.1a, St 6 KI 2 &amp; 3</td>
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<td>• Explain the concept of an active margin and the formation of a clastic wedge.</td>
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<td>• Describe the Middle Paleozoic fauna.</td>
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<td>• Define the concept of mass extinction.</td>
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#### Focus

- Section Focus Transparency 72 and Master

#### Teach

- Problem-Solving Lab, SE p. 610
- Laboratory Manual, pp. 177–180 TCR
- Teaching Transparency 70 and Master

#### Assess

- Section Assessment, SE p. 611
- Check for Understanding, TWE p. 611
- Reteach, TWE p. 611
- Study Guide for Content Mastery, pp. 145–146 TCR

#### Chapter Assessment

- Assessment, TWE pp. 608, 610, 611
- Alternate Assessment in the Science Classroom, TCR
- Cooperative Learning in the Science Classroom, TCR
- Performance Assessment in the Science Classroom, TCR
- Performance Assessment in Earth Science, pp. 21–24 TCR

#### Multimedia Options

- **Puzzlemaker Software**, Ch. 23
- **MindJogger Videoquizzes**, Ch. 23
- **ExamView Pro™ Test Bank**, Ch. 23
- Using the Internet in the Science Classroom, TCR
- Glencoe Science Web Site: [science.glencoe.com](http://science.glencoe.com)
# Lesson Plan

## The Late Paleozoic

### Section Objectives

- **Describe** the formation of Pangaea.
- **Explain** how cyclothems formed.
- **Identify** the importance of amniote eggs.
- **Discuss** the causes of the Late Permian mass extinction.

### National Science Content Standards:

- UCP.2, UCP.4; A.1; B.3; C.3; D.3; G.1

### New York Regents Standards:

- St 1 Science KI 1, St 4 KI 1.2i, 1.2j, 2.1n, 2.1o, 2.1w, & 3.1a, St 6 KI 2 & 3

### Focus

Section Focus Transparency 73 and Master

### Teach

- MiniLab, SE p. 616
- Science & the Environment, SE p. 620
- Earth Science Journal, TWE p. 613
- GeoLab and MiniLab Worksheets, p. 91 TCR
- Laboratory Manual, pp. 181–184 TCR
- Teaching Transparency 71 and Master

### Assess

- Section Assessment, SE p. 617
- Check for Understanding, TWE p. 617
- Reteach, TWE p. 617
- Study Guide for Content Mastery, pp. 147–148 TCR

### Chapter Assessment

- Chapter 23 Assessment, SE pp. 622–623
- Assessment, TWE pp. 616, 617, 619
- Chapter Assessment, pp. 133–138 TCR
- Alternate Assessment in the Science Classroom, TCR
- Cooperative Learning in the Science Classroom, TCR
- Performance Assessment in the Science Classroom, TCR
- Performance Assessment in Earth Science, pp. 21–24 TCR
- GeoDigest Unit 6, SE pp. 648–651

### Multimedia Options

- Puzzlemaker Software, Ch. 23
- Mindjogger Videoquizzes, Ch. 23
- ExamView Pro™ Test Bank, Ch. 23
- Using the Internet in the Science Classroom, TCR
- Glencoe Science Web Site: science.glencoe.com