


## Lesson Plan 7-1

*Exponential Functions, Growth, and Decay pp. 490–496* Day \_\_\_\_\_

**Objective** Write and evaluate exponential expressions to model growth and decay situations.

	<b>TEKS 2A.11.C:</b> Exponential and logarithmic functions: determine the reasonable domain and range ... [and] reasonableness of solutions to exponential ... equations ...
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### Pacing

45-minute Classes: 1 day     90-minute Classes: 1/2 day     Other \_\_\_\_\_

### WARM UP

- Warm Up TE p. 490 and [Warm Up Transparency 7-1](#)
- Countdown to TAKS SE Week 15 and Countdown to TAKS Transparency Week 15

### TEACH

- Lesson Presentation CD-ROM 7-1
- [Alternate Opener, Exploration Transparency 7-1, TE p. 490](#)
- Reaching All Learners TE p. 491
- [Additional Examples Transparencies 7-1](#)
- [Teaching Transparency 7-1](#)
- Texas Lab Manual 7-1*
- [Texas Know-It Notebook 7-1](#)

### PRACTICE AND APPLY

- Examples 1-3: Basic: 7–15, 17–21, 27–28, 30–34, 42–49 Average: 7–15, 17–36, 39, 42–49  
Advanced: 7–11, 15–17, 20–49

### REACHING ALL LEARNERS – Differentiated Instruction for students with

Developing Knowledge	On-level Knowledge	Advanced Knowledge	English Language Development
<input type="checkbox"/> Multiple Representations TE p. 491	<input type="checkbox"/> Multiple Representations TE p. 491	<input type="checkbox"/> Multiple Representations TE p. 491	<input type="checkbox"/> Multiple Representations TE p. 491
<input type="checkbox"/> <a href="#">Practice A 7-1 CRB</a>	<input type="checkbox"/> <a href="#">Practice B 7-1 CRB</a>	<input type="checkbox"/> <a href="#">Practice C 7-1 CRB</a>	<input type="checkbox"/> <a href="#">Practice A, B, or C 7-1 CRB</a>
<input type="checkbox"/> <a href="#">Reteach 7-1 CRB</a>		<input type="checkbox"/> <a href="#">Challenge 7-1 CRB</a>	<input type="checkbox"/> <a href="#">Success for ELL 7-1</a>
<input type="checkbox"/> <a href="#">Homework Help Online Keyword: MB7 7-1</a>	<input type="checkbox"/> <a href="#">Homework Help Online Keyword: MB7 7-1</a>	<input type="checkbox"/> <a href="#">Homework Help Online Keyword: MB7 7-1</a>	<input type="checkbox"/> <a href="#">Homework Help Online Keyword: MB7 7-1</a>
<input type="checkbox"/> <a href="#">Lesson Tutorial Video 7-1</a>	<input type="checkbox"/> <a href="#">Lesson Tutorial Video 7-1</a>	<input type="checkbox"/> <a href="#">Lesson Tutorial Video 7-1</a>	<input type="checkbox"/> <a href="#">Lesson Tutorial Video 7-1</a>
<input type="checkbox"/> <a href="#">Reading Strategies 7-1 CRB</a>	<input type="checkbox"/> <a href="#">Problem Solving 7-1 CRB</a>	<input type="checkbox"/> <a href="#">Problem Solving 7-1 CRB</a>	<input type="checkbox"/> <a href="#">Reading Strategies 7-1 CRB</a>
<input type="checkbox"/> <a href="#">Questioning Strategies TE p. 491, 492</a>	<input type="checkbox"/> Multiple Representations TE p. 492	<input type="checkbox"/> <a href="#">Critical Thinking TE p. 495</a>	<input type="checkbox"/> <a href="#">Lesson Vocabulary SE p. 490</a>
<input type="checkbox"/> <a href="#">IDEA Works! 7-1</a>			<input type="checkbox"/> <a href="#">Multilingual Glossary</a>

### ASSESSMENT

- Lesson Quiz, TE p. 496 and [Transparency 7-1](#)
- [Texas Test Prep Online Keyword: MB7 TestPrep](#)