



**Secondary  
Mathematics**

EDITION 1

# **Algebra I**

**Year-at-a-Glance  
150-Day Pacing**

## **Acknowledgment**

Thank you to all the Texas educators and stakeholders who supported the review process and provided feedback. These materials are the result of the work of numerous individuals, and we are deeply grateful for their contributions.

## **Notice**

These learning resources have been built for Texas students, aligned to the Texas Essential Knowledge and Skills, and are made available pursuant to Chapter 31, Subchapter B-1 of the Texas Education Code.

If you have further product questions or to report an error, please email [openducationresources@tea.texas.gov](mailto:openducationresources@tea.texas.gov).

TEKS Mathematical Process Standards are embedded in every module: A.1A, A.1B, A.1C, A.1D, A.1E, A.1F, A.1G			
1 DAY PACING = 45-MINUTE SESSION			
Module	Topic	Pacing*	TEKS*
1  Searching for Patterns	1: Quantities and Relationships	12	<b>A.2A, A.3C, A.6A, A.7A, A.9A, A.9D, A.12A</b>
	2: Sequences	10	A.12A, A.12C, A.12D
		22	
2  Exploring Constant Change	1: Linear Functions	22	<b>A.2A, A.2B, A.2C, A.2D, A.3A, A.3B, A.3C, A.3E, A.3F, A.4A, A.4B, A.4C, A.12A, A.12B, A.12D</b>
	2: Transforming and Comparing Linear Functions	10	<b>A.2A, A.2C, A.2E, A.2F, A.2G, A.3A, A.3C, A.3E, A.12B</b>
		32	
3  Modeling Linear Equations and Inequalities	1: Linear Equations and Inequalities	10	<b>A.2B, A.2C, A.3A, A.5A, A.5B, A.12E</b>
	2: Systems of Linear Equations and Inequalities	17	<b>A.2A, A.2C, A.2H, A.2I, A.3D, A.3F, A.3G, A.3H, A.5C</b>
		27	
4  Investigating Growth and Decay	1: Introduction to Exponential Functions	15	<b>A.9A, A.9B, A.9C, A.9D, A.11A, A.11B, A.12B, A.12C, A.12D</b>
	2: Using Exponential Equations	10	<b>A.3B, A.3C, A.9A, A.9B, A.9C, A.9D, A.9E, A.11B, A.12B</b>
		25	
5  Maximizing and Minimizing	1: Introduction to Quadratic Functions	15	<b>A.6A, A.6B, A.6C, A.7A, A.7C</b>
	2: Polynomial Operations	10	A.10A, A.10B, A.10C, A.10D
	3: Solving Quadratic Equations	19	<b>A.6A, A.7A, A.7B, A.7C, A.8A, A.8B, A.10E, A.10F, A.11A</b>
		44	
Total Days: 150			

\*Bold TEKS = Readiness Standard; Bold Pacing = Reduced Number of Days

## **ISBN: 1-789-68117-550-8**

© 2024 Texas Education Agency. Portions of this work are adapted, with permission, from the originals created by and copyright  
© 2021 Carnegie Learning, Inc.

This work is licensed under a Creative Commons Attribution-Non-Commercial-4.0 International License.

You are free:

**to Share**—to copy, distribute, and transmit the work  
**to Remix**—to adapt the work

Under the following conditions:

**Attribution**—You must attribute any adaptations of the work in the following manner:

This work is based on original works of the Texas Education Agency and Carnegie Learning, Inc. This work is made available under a Creative Commons Attribution-Non-Commercial-4.0 International License. This does not in any way imply endorsement by those authors of this work.

**NonCommercial**—You may not use this work for commercial purposes.

With the understanding that:

For any reuse or distribution, you must make clear to others the license terms of this work. The best way to do this is with a link to this web page:

<https://creativecommons.org/licenses/by-nc/4.0/>

Trademarks and trade names are shown in this book strictly for illustrative and educational purposes and are the property of their respective owners. References herein should not be regarded as affecting the validity of said trademarks and trade names.

Printed in the USA

### **Images**

[www.pixabay.com](http://www.pixabay.com)