

# Algebra I

Year-at-a-Glance 150-Day Pacing

## **Acknowledgment**

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### **Notice**

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# ALGEBRA I: YEAR-AT-A-GLANCE

| EKS 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  | Торіс   | Pacing*                          | TEKS*   |
| 1<br>Searching for<br>Patterns  | 1: Quantities and Relationships                 | 12                               | A.2A, A.3C, A.6A, A.7A, A.9A,<br>A.9D, A.12A  |
|   | 2: Sequences                                    | 10                               | A.12A, A.12C, A.12D   |
|   | 22  |                                  |   |
| 2<br>Exploring Constant<br>Change   | 1: Linear Functions                             | 22                               | <b>A.2A</b> , A.2B, <b>A.2C</b> , A.2D, A.3A, <b>A.3B</b> , <b>A.3C</b> , A.3E, A.3F, A.4A, A.4B, A.4C, A.12A, A.12B, A.12D |
|   | 2: Transforming and Comparing Linear Functions  | 10                               | <b>A.2A, A.2C</b> , A.2E, A.2F, A.2G, A.3A, <b>A.3C</b> , A.3E, A.12B   |
|   | 32  |                                  |   |
| 3<br>Modeling Linear<br>Equations and<br>Inequalities   | 1: Linear Equations and Inequalities            | 10                               | A.2B, <b>A.2C</b> , A.3A, <b>A.5A</b> , A.5B, A.12E   |
|   | 2: Systems of Linear Equations and Inequalities | 17                               | <b>A.2A</b> , <b>A.2C</b> , A.2H, <b>A.2I</b> , <b>A.3D</b> , A.3F, A.3G, A.3H, <b>A.5C</b>                                 |
|   | 27  |                                  |   |
| 4<br>Investigating<br>Growth and Decay  | 1: Introduction to Exponential Functions        | 15                               | A.9A, A.9B, <b>A.9C</b> , <b>A.9D</b> , A.11A<br><b>A.11B</b> , A.12B, A.12C, A.12D   |
|   | 2: Using Exponential Equations                  | 10                               | <b>A.3B</b> , <b>A.3C</b> , A.9A, A.9B, <b>A.9C</b> , <b>A.9D</b> , A.9E, <b>A.11B</b> , A.12B                              |
|   | 25  |                                  |   |
| 5<br>Maximizing and<br>Minimizing   | 1: Introduction to Quadratic Functions          | 15                               | <b>A.6A</b> , A.6B, A.6C, <b>A.7A</b> , <b>A.7C</b>   |
|   | 2: Polynomial Operations                        | 10                               | A.10A, A.10B, A.10C, A.10D  |
|   | 3: Solving Quadratic Equations                  | 19                               | <b>A.6A</b> , <b>A.7A</b> , A.7B, <b>A.7C</b> , <b>A.8A</b> , A.8B, <b>A.10E</b> , A.10F, A.11A                             |
|   |   | 44                               |   |
|   | Total Da  | ys: 150                          |   |

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



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