RCSS Pacing Guide Advanced Algebra Concepts & Connections  School Year: 2025-2026

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| Unit # | Unit Dates  |
| Unit 0: Think Like a Mathematician | 2 Days: August 5th – August 6th  |
| Unit 1: Descriptive and Inferential Statistics | 30 Days: August 7th – September 18th  |
| ASSESS & REFLECT | 2 Days: September 19th – September 22nd  |
| Unit 2: Exponential and Logarithmic Functions | 30 Days: September 23rd – November 7th  |
| ASSESS & REFLECT | 2 Days: November 10th and November 12th  |
| Unit 3: Investigating Radical Functions | 20 Days: November 13th – December 17th  |
| ASSESS & REFLECT | 2 Days: December 8th and January 6th  |
| Unit 4: Modeling Polynomial Functions | 20 Days: January 7th – February 4th |
| ASSESS & REFLECT | 2 Days: February 5th – February 6th  |
| Unit 5: Investigating Linear Algebra and Matrices | 15 Days: February 9th – March 3rd  |
| ASSESS & REFLECT | 2 Days: March 4th – March 5th  |
| Unit 6: Trigonometry and Unit Circle | 18 Days: March 6th – March 31st  |
| ASSESS & REFLECT | 2 Days: April 1st – April 2nd  |
| Unit 7: Exploring Rational Functions | 15 Days: April 14th – May 4th  |
| ASSESS & REFLECT | 2 Days: May 5th – May 6th  |
| Unit 8: Culminating Capstone Unit | 10 Days: May 7th – May 20th  |

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| August 2025 |
| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  |  |  | 1 |
| 4 First Day of School ElementaryExtra planning day/buffer for Middle/High | 5 **Unit 0 Begins** First Day of School K-8, Magnet, Middle, High School | 6 **Unit 0 Ends** | 7 **Unit 1 Begins** | 8 |
| 11 | 12 | 13 | 14 | 15 |
| 18 | 19 | 20 | 21 | 22 |
| 25 | 26 | 27 | 28 | 29 |
| September 2025 |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 1 Labor Day Holiday | 2 | 3 | 4 | 5  |
| 8 | 9 | 10  | 11 | 12 Fall Semester Progress Report #1 |
| 15  | 16  | 17  | 18 **Unit 1 Ends** | 19 **Assess & Reflect****(Unit 1 Post Assessment)** |
| 22 **Assess & Reflect****(Unit 2 Pre-Assessment)** | 23 **Unit 2 Begins** | 24 | 25 | 26 |
| 29 | 30 |  |  |  |

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| October 2025 |
| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  | 1 | 2 | 3 |
| 6 | 7 | 8 | 9 PowerUp Asynchronous Learning Day | 10 Student Holiday/ Professional Learning Day |
| 13 Student/Teacher Fall Break | 14 Student/Teacher Fall Break | 15 | 16 | 17 |
| 20 | 21 | 22 | 23  | 24 |
| 27 | 28 | 29 | 30 | 31Fall Semester Progress Report #2 |

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| November 2025 |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 3 | 4 | 5 | 6 | 7 **Unit 2 Ends** |
| 10 **Assess & Reflect****(Unit 2 Post Assessment)** | 11 **Veteran’s Day Holiday** | 12 **Assess & Reflect****(Unit 3 Pre-Assessment)** | 13 **Unit 3 Begins** | 14 |
| 17 | 18 | 19 | 20 | 21 |
| 24 Thanksgiving Break  | 25 Thanksgiving Break | 26 Thanksgiving Break | 27 Thanksgiving Break | 28 Thanksgiving Break |

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| December 2025 |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 1 | 2 | 3 | 4 | 5 |
| 8 | 9 | 10 | 11 | 12 |
| 15Semester Exams | 16Semester Exams | 17 **Unit 3 Ends**Semester Exams | 18 **Assess & Reflect****(Unit 3 Post Assessment)**Semester Exams | 19 **Assess & Reflect**Semester ExamsEarly Release |
| 22 Christmas/Winter Break | 23 Christmas/Winter Break | 24 Christmas/Winter Break | 25 Christmas/Winter Break | 26 Christmas/Winter Break |
| 29 Christmas/Winter Break | 30 Christmas/Winter Break | 31 Christmas/Winter Break |  |  |

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| January 2026 |
| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  |  | 1 Christmas/ Winter Break | 2 Christmas/ Winter Break |
| 5 Student Holiday/ Professional Learning Day | 6 **Assess & Reflect****Unit 4 Pre-Assessment**Beginning of Second Semester | 7 **Unit 4 Begins** | 8 | 9 |
| 12 | 13Report Cards | 14 | 15 | 16 |
| 19 Martin Luther King, Jr. Holiday | 20 | 21 | 22 | 23 |
| 26 | 27 | 28 | 29 | 30 |

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| February 2026 |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 2 | 3 | 4 **Unit 4 Ends** | 5 **Assess & Reflect****(Unit 4 Post Assessment)** | 6 **Assess & Reflect****(Unit 5 Pre-Assessment)** |
| 9 **Unit 5 Begins** | 10 | 11 | 12Spring Semester Progress Report #1 | 13 Student Holiday/ Professional Learning Day |
| 16 Student/Teacher Holiday | 17 | 18 | 19 | 20 |
| 23 | 24 | 25 | 26 | 27 |

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| March 2026 |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| 2 | 3 **Unit 5 Ends** | 4 **Assess & Reflect****(Unit 5 Post Assessment)** | 5 **Assess & Reflect****(Unit 6 Pre-Assessment)** | 6 **Unit 6 Begins** |
| 9 | 10 | 11 | 12 | 13 |
| 16 | 17 | 18 | 19 | 20 |
| 23 | 24  | 25  | 26  | 27Spring Semester Progress Report #2 |
| 30 | 31 **Unit 6 Ends** |  |  |  |

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| April 2026 |
| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  | 1 **Assess & Reflect****(Unit 6 Post Assessment)** | 2 **Assess & Reflect****(Unit 7 Pre-Assessment)** | 3 PowerUp Asynchronous Learning Day |
| 6 SPRING BREAK  | 7 SPRING BREAK  | 8 SPRING BREAK | 9 SPRING BREAK | 10 SPRING BREAK |
| 13 SPRING BREAK | 14 **Unit 7 Begins** | 15 | 16 | 17 |
| 20 | 21 | 22 | 23 | 24 |
| 27 | 28 | 29 | 30 |  |

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| May 2026 |
| Monday | Tuesday | Wednesday | Thursday | Friday |
|  |  |  |   | 1 |
| 4 **Unit 7 Ends** | 5 **Assess & Reflect****(Unit 7 Post Assessment)** | 6 **Assess & Reflect****(Unit 8 Pre-Assessment)** | 7 **Unit 8 Begins** | 8 |
| 11 | 12 | 13 | 14 | 15 |
| 18Semester Exams | 19Semester Exams | 20Semester Exams | 21 **Unit 8 Ends**Semester Exams | 22Semester ExamsLast Day of School/ Early Release |
| 25 Memorial Day Holiday | 26 Post Planning | 27 Post PlanningReport Cards | 28 | 29 |