Western Line SCHOOL DISTRICT

Pacing Guide
2026-2027 School Year

CCR Algebra I

Fall: TERM 1 (Spring: TERM 3)	
Term 1 Weeks (Spring: Term 3)	**MS College and Career Readiness Standards**
Week 1 August 5-7, 2026	**Real Numbers and Quantities** **N-RN.3** Explain closure properties involving rational and irrational numbers. **N-Q.1** Use units to understand and solve multistep problems. **N-Q.2** Define appropriate quantities for descriptive modeling. **N-Q.3** Select an appropriate level of accuracy when reporting quantities.
Week 2 August 10-14, 2026	**Expressions and Polynomial Operations** **A-SSE.1** Interpret expressions and their parts in context. **A-SSE.2** Use the structure of expressions to identify equivalent forms. **A-APR.1** Add, subtract, and multiply polynomials.
Week 3 August 17-21, 2026	**Linear Equations and Formulas** **A-REI.1** Explain and justify each step when solving equations. **A-REI.3** Solve linear equations and inequalities in one variable. **A-CED.1** Create equations and inequalities in one variable to solve problems. **A-CED.4** Rearrange formulas to highlight a quantity of interest.
Week 4 August 24-28, 2026	**Functions and Function Notation** **F-IF.1** Understand the definition of a function, domain, and range. **F-IF.2** Use and interpret function notation. **F-IF.3** Identify sequences as functions and generate explicit formulas. **F-IF.5** Relate the domain of a function to its graph and context. **F-IF.6** Calculate and interpret average rate of change.
Week 5 August 31-September 4, 2026	**Systems of Linear Equations** **A-REI.5** Explain why adding equivalent forms of equations preserves a system solution. **A-REI.6** Solve systems of linear equations algebraically and approximately. **A-REI.10** Interpret the graph of an equation in two variables as its solution set. **A-REI.11** Interpret intersections of graphs as solutions to equations.
Week 6 September 8-11, 2026	**Equations, Inequalities, and Constraints** **A-CED.2** Create and graph equations in two variables. **A-CED.3** Represent constraints with equations, inequalities, and systems and interpret viable solutions. **A-REI.12** Graph linear inequalities and systems of linear inequalities in two variables.
Week 7 September 14-18, 2026	**Graphing and Rewriting Functions** **F-IF.4** Interpret key features of graphs and tables in context. **F-IF.7** Graph linear, quadratic, square-root, piecewise, and absolute-value functions and identify key features. **A-SSE.3** Rewrite expressions to reveal zeros, extrema, or exponential properties.
Week 8 September 21-25, 2026	**Quadratic Functions and Polynomial Zeros** **A-APR.3** Identify polynomial zeros and use them to sketch graphs. **F-IF.8** Rewrite quadratic functions in equivalent forms to reveal zeros, extrema, and symmetry. **F-IF.9** Compare properties of functions represented in different ways.

Week 9 September 28-October 2, 2026	**Solving Quadratic Equations and Term Assessment** **A-REI.4** Solve quadratic equations by inspection, square roots, completing the square, the quadratic formula, and factoring; recognize complex solutions. Review, reteaching, and Term 1 assessment.

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Recurring Standards

(Standards that have been introduced but will be reviewed or revisited during the nine weeks.)

Standards: N-RN.3; N-Q.1-3; A-SSE.1-3; A-APR.1 and A-APR.3; A-CED.1-4; A-REI.1, A-REI.3-6, and A-REI.10-12; F-IF.1-9. Continue spiral review through bell ringers, data talks, modeling tasks, and cumulative practice.

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CCR Algebra I

Fall: TERM 2 (Spring: Term 4)	
Term 2 Weeks (Spring: Term 4)	**MS College and Career Readiness Standards**
Week 10 October 5-9, 2026	**Building and Transforming Functions** **F-BF.1** Write functions that describe relationships between quantities. **F-BF.3** Identify and explain the effects of transformations on function graphs.
Week 11 October 12-16, 2026	**Linear and Exponential Models** **F-LE.1** Distinguish between linear and exponential situations and describe their growth patterns. **F-LE.2** Construct linear and exponential functions, including arithmetic and geometric sequences. **F-LE.5** Interpret parameters of linear and exponential functions in context.
Week 12 October 19-23, 2026	**Representing and Comparing Data** **S-ID.1** Represent and analyze data using dot plots, histograms, and box plots. **S-ID.2** Compare center and spread using statistics appropriate to the data distribution.
Week 13 October 26-30, 2026	**Data Distributions and Categorical Data** **S-ID.3** Interpret differences in shape, center, and spread, including the effects of outliers. **S-ID.5** Summarize categorical data in two-way frequency tables and interpret relative frequencies and associations.
Week 14 November 2-6, 2026	**Scatter Plots, Linear Models, and Course Assessment** **S-ID.6** Represent two quantitative variables on a scatter plot, fit functions, and analyze residuals. **S-ID.7** Interpret slope and intercept in context. **S-ID.8** Compute and interpret the correlation coefficient. **S-ID.9** Distinguish correlation from causation. Cumulative review and course assessment.

Fall: TERM 2 (Spring: Term 4)
Recurring Standards **(Standards that have been introduced but will be reviewed or revisited during the nine weeks.)**
Standards: F-BF.1 and F-BF.3; F-LE.1, F-LE.2, and F-LE.5; S-ID.1-3 and S-ID.5-9. Continue cumulative review of equations, functions, systems, quadratics, and modeling throughout Term 2.