

# 2016-2017 DCSD Elementary Mathematics Year-At-A-Glance

## Grades K through 3

	Kindergarten	Grade 1	Grade 2	Grade 3
September (21 days)	T1: Numbers 0 to 5 T2: Compare Numbers 0 to 5	T1: Solve Addition & Subtraction Problems to 10	T1: Fluently Add and Subtract Within 20	T1: Understand Multiplication and Division
October (20 days)	T3: Numbers 6 to 10 T4: Compare Numbers 0 to 10	T2: Fluently Add & Subtract Within 10 T3: Addition Facts to 20	T2: Work with Equal Groups T3: Add Within 100 Using Strategies	T2: Multiplication Facts: Use Patterns T3: Apply Properties: Multiplication Facts for 3, 4, 6, 7, 8
November (17 days)	T5: Classify and Count Data	T4: Subtraction Facts to 20 T5: Work with Addition and Subtraction Equations	T4: Fluently Add Within 100	T4: Use Multiplication to Divide: Division Facts
December (16 days)	T6: Understand Addition	T6: Represent & Interpret Data	T5: Subtract Within 100 Using Strategies T6: Fluently Subtract Within 100	T5: Fluently Multiply and Divide Within 100 T6: Connect Area to Multiplication and Division
January (20 days)	T7: Understand Subtraction	T7: Extend the Counting Sequence T8: Understand Place Value	T7: More Solving Problems Involving Addition and Subtraction T8: Work with Time and Money	T7: Represent and Interpret Data T8: Use Strategies and Properties to Add and Subtract
February (18 days)	T8: More Addition & Subtraction	T9: Compare Two-Digit Numbers T10: Use Models & Strategies to Add Tens & Ones	T9: Numbers to 1,000	T9: Fluently Add and Subtract Within 1,000 T10: Multiply by Multiples of 10
March (20 days)	T9: Count Numbers to 20 T10: Compose & Decompose Numbers 11 to 19	T11: Use Models & Strategies to Subtract Tens T12: Measure Lengths	T10: Add Within 1,000 Using Models and Strategies  T11: Subtract Within 1,000 Using Models and Strategies	T11: Use Operations with Whole Numbers to Solve Problems T12: Understand Fractions as Numbers
April (15 days)	T11: Count Numbers to 100 T12: Identify and Describe Shapes	T13: Time	T12: Measuring Length T13: More Addition, Subtraction, and Length	T13: Fraction Equivalence and Comparison T14: Solve Time, Capacity, and Mass Problems
May (22 days)	T12: Identify and Describe Shapes T13: Analyze, Compare, and Create Shapes	T14: Reason with Shapes and Their Attributes Topic 15: Equal Shares of Circles & Rectangles	T14: Graphs and Data T15: Shapes and Their Attributes	T15: Attributes of Two-Dimensional Shapes T16: Solve Perimeter Problems
End of May through June	T14: Describe and Compare Measurable Attributes End of Year Grade Level Assessment	End of Year Grade Level Assessment  Step Up to Grade 2 Activities	End of Year Grade Level Assessment  Step Up to Grade 3 Activities	End of Year Grade Level Assessment  Step Up to Grade 4 Activities

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## Grades 4 through 5

	Grade 4	Grade 5	Grade 4 PACE	Grade 5 PACE
September (21 days)	T1: Generalize Place Value Understanding T2: Fluently Add and Subtract Multi-Digit Whole Numbers	T1: Understand Place Value	T1: Understand Place Value	T1: Numerical Expressions and Factors T2: Fractions and Decimals
October (20 days)	T3: Use Strategies and Properties to Multiply by 1-Digit Numbers	T2: Add & Subtract Decimals to Hundredths T3: Fluently Multiply Multi-Digit Whole Numbers	T2: Add & Subtract Decimals to Hundredths T3: Fluently Multiply Multi-Digit Whole Numbers	T2: Fractions and Decimals T3: Algebraic Expressions and Properties
November (17 days)	T4: Use Strategies and Properties to Multiply by 2-Digit Numbers T5: Use Strategies and Properties to Divide by 1-Digit Numbers	T4: Use Models and Strategies to Multiply Decimals T5: Use Models and Strategies to Divide Whole Numbers	T3: Fluently Multiply Multi-Digit Whole Numbers T4: Use Models and Strategies to Multiply Decimals	T4: Areas of Polygons
December (16 days)	T6: Use Operations with Whole Numbers to Solve Problems T7: Factors and Multiples	T6: Use Models and Strategies to Divide Decimals	T5: Use Models and Strategies to Divide Whole Numbers	T4: Areas of Polygons T5: Ratios and Rates
January (20 days)	T8: Extend Understanding of Fraction Equivalence and Ordering	T7: Use Equivalent Fractions to Add and Subtract Fractions T8: Apply Understanding of Multiplication to Multiply Fractions	T6: Use Models and Strategies to Divide Decimals T7: Use Equivalent Fractions to Add and Subtract Fractions	T5: Ratios and Rates T6: Integers and the Coordinate Plane
February (18 days)	T9: Understand Addition and Subtraction of Fractions T10: Extend Multiplication Concepts to Fractions	T9: Apply Understanding of Division to Divide Fractions	T7: Use Equivalent Fractions to Add and Subtract Fractions	T7: Equations and Inequalities
March (20 days)	T11: Represent and Interpret Data on Line Plots T12: Understand and Compare Decimals	T10: Understand Volume Concepts T11: Convert Measurements	T8: Apply Understanding of Multiplication to Multiply Fractions T9: Apply Understanding of Division to Divide Fractions	T8: Surface Area and Volume
April (15 days)	T13: Measurement Find Equivalence in Units of Measure T14: Algebra: Generate and Analyze Patterns	T12: Represent and Interpret Data T13: Write and Interpret Numerical Expressions	T9: Apply Understanding of Division to Divide Fractions T11: Convert Measurements	T9: Statistical Measures
May (22 days)	T15: Geometric Measurement: Understand Concepts of Angles and Angle Measurement T16: Lines, Angles, and Shapes	T14: Graph Points on the Coordinate Plane T15: Algebra-Analyze Patterns and Relationships T16: Geometric Measurement-Classify Two-Dimensional Figures	T12: Represent and Interpret Data T13: Write and Interpret Numerical Expressions T14: Graph Points on the Coordinate Plane T15: Algebra-Analyze Patterns and Relationships	T10: Data Displays
End of May through June	End of Year Grade Level Assessment  Step Up to Grade 5 Activities	End of Year Grade Level Assessment  Step Up to Grade 6 Activities	T16: Geometric Measurement-Classify Two-Dimensional Figures	