

DODGE CITY MIDDLE SCHOOL

MATH INTERVENTION PACING SCHEDULE

2009 - 2010

First Mini Assessment: August 18th through September 16th - Mini Test I – September 17th
After School Session I: Start September 28th and Post Test October 9th

Math 7 Grade

7.1.4.K2N	<u>Decimal Addition/Subtraction</u> Math – pg. 559 Pre-Algebra – pg. 715	<u>Decimal Multiplication/Division</u> Math – pg. 560, 562 Pre-Algebra – pg. 715	
Prerequisite	<u>Prime Factorization</u> Math – pg. 197-200 Pre-Algebra – pg. 159-163	<u>Greatest Common Factor</u> Math – pg. 203-206 Pre-Algebra – pg. 164-168	<u>Least Common Multiple</u> Math – pg. 224-226 Pre-Algebra – pg. 226-230
7.1.1.A1	<u>Equivalent/Simplifying Fractions real-World:</u> Math – pg. 207-209, 575 Pre-Algebra – 169-173, 732		
7.1.4.K2N	<u>Simplifying Fractions:</u> Math – pg. 207-209 Pre-Algebra – pg. 169-173, 2 <u>Fraction Addition & Subtraction:</u> Math – pg. 244-251, 577 Pre-Algebra – pg. 220-224, 232-236, 716 <u>Fraction Multiplication:</u> Math – pg. 244-251, 577 Pre-Algebra – pg. 210-214, 717 <u>Fraction Division:</u> Math – pg. 264-266, 578 Pre-Algebra – pg. 216-219, 717		
*7.3.2.A1	<u>*Area & Perimeter of Composite Figures: Figures include only – Rectangles, Squares, and Triangles.</u> Math – pg. 271, 489-492 Pre-Algebra – pg. 132-137, 520-525		

**Essential Indicator/School Wide Enrichment Mini Test I*

MATH 8th Grade

8.1.2.K2	<u>Real Number System</u> - **Reinforce all Year** Pre-Algebra – pg. 441-445 Algebra I – pg. 63 – 64, extra resources		
8.1.4.K2aN	<u>Decimals – Comparing & Ordering:</u> Pre-Algebra – pg. 710 Algebra – extra resources		
8.1.1K.5a-c	<u>What happens to a product or quotient when:</u> a) a positive number is multiplied or divided by a number greater than zero but less than 1. b) a positive number is multiplied or divided by a number less than 1. c) a non zero real number is multiplied or divided by zero. Pre-Algebra & Algebra I – extra resources		
Prerequisite	<u>Exponents & Powers</u> Pre-Algebra – pg. 153-157 Algebra I – pg. 9-13	<u>Scientific Notation</u> Pre-Algebra – pg. 186-190 Algebra I – pg. 470-474	
*8.1.4.A1a-c	<u>*Decimals – Adding & Subtracting:</u> Pre-Algebra – pg. 712-713 Algebra – extra resources (review)		
*Real – World	<u>*Decimals – Multiplying & Dividing:</u> Pre-Algebra – pg. 714-715 Algebra – extra resources (review)		
	<u>*Fractions – Adding & Subtracting:</u> Pre-Algebra – pg. 232-236 Algebra I – extra resources		
	<u>*Fractions – Multiplying & Dividing:</u> Pre-Algebra – pg. 210-219 Algebra I – pg. 783 & extra resources		

**Essential Indicator/School Wide Enrichment Mini Test I.*

DODGE CITY MIDDLE SCHOOL

MATH INTERVENTION PACING SCHEDULE

2009 – 2010

Second Mini Assessment: September 17th through October 14th - Mini Test II – October 15th
After School Session II: Start November 2nd and Post Test November 13th

MATH 7th Grade

7.2.2.K7	<u>Proportions:</u> Math – pg. 288-291, 297-300 Pre-Algebra – pg. 264-267, 270-274
	<u>Ratios:</u> Math – pg. 216-219, 288-291 Pre-Algebra – pg. 288-292
	<u>Converting Decimals, Fractions 7 Percents:</u> Math – pg. 210-213, 575, 216-219, 312-315
	Pre-Algebra – pg. 200-209, 733, 281-285, 293-297
7.3.3.A3	<u>Scale Drawings:</u> Math – pg. 304-308 Pre-Algebra – pg. 276-280
*7.1.4.K5	<u>*Finding Percent of a Number</u> <u>*Discounts</u>
	Math – pg. 319-321, 340-343 Math – pg. 354-356
	Pre-Algebra – 288-292, 298-302 Pre-Algebra – 298-302, 738

**Essential Indicator/School Wide Enrichment Mini Test II.*

MATH 8th Grade

8.1.4K2bN	<u>Order of Operations:</u> Pre-Algebra - pg. 12-16 Algebra I- pg. 16-22
8.1.4.K2aN	<u>Absolute Value & Integers:</u> Pre-Algebra – pg. 56-61 Algebra I – pg. 65-70
8.1.4.K2aN	<u>Integers:</u> Adding - Pre-Algebra – pg. 64-68 Algebra I – pg. 75-78
	Subtracting - Pre-Algebra – pg. 70-74 Algebra I – pg. 79-84
	Multiplying - Pre-Algebra – pg. 75-79 Algebra I – pg. 93-97
	Dividing - Pre-Algebra – pg. 80-84 Algebra I – pg. 111
8.1.4.K2bN	<u>Tell what happens when you multiply or divide by a negative number.</u> Pre-Algebra & Algebra I – extra resources
8.3.4.K1a-d	<u>Ordered Pairs:</u> Pre-Algebra – pg. 33-38 Algebra I – pg. 205
	<u>Coordinate Systems:</u> Pre-Algebra – pg. 85-89 Algebra I – pg. 203-209
8.1.2.A1a-b	<u>Properties:</u> Pre-Algebra – pg. 23-27 Algebra I – pg. 73, 94, 108, 124, 139, 814
	<u>Distributive Property:</u> Pre-Algebra – pg. 98-102 Algebra I – pg. 100-106
	<u>Solving Equations with Grouping Symbols:</u> Algebra I – Chapter 3
8.1.2.A1a-b	<u>Reading, Interpreting, & Writing Equations:</u>
8.2.4.A2	Pre-Algebra – pg. 126-130
	Algebra I – pg. 35-36
*8.4.1.K3	<u>*Probability:</u> Pre-Algebra – pg. 310-314 Algebra I – pg. 114-119

**Essential Indicator/School Wide Enrichment Mini Test II.*

**DODGE CITY MIDDLE SCHOOL
MATH INTERVENTION PACING SCHEDULE
2009 – 2010**

Third Mini Assessment: October 15th through November 18th - Mini Test III – November 19th
After School Session III: Start December 7th and Post Test December 18th

MATH 7th Grade

Prerequisite	Measures of Central Tendency: Math – pg. 69-75	Pre-Algebra – 238-242
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7.4.2.K1	<u>Interpreting Data:</u>	<u>Math</u>	<u>Pre-Algebra</u>
	Frequency Tables	pg. 52-57	pg. 627
	Line Plots	pg. 64-65	pg. 239
	Bar Graphs	pg. 85-86	pg. 722-723
	Line Graphs	pg.	pg.
	Circle Graphs	pg. 418-421	pg. 451-452
	Venn Diagrams	pg. 203	pg. 164, 441
	Stem Leaf Plots	pg. 76-77	pg. 606-611
	Scatter Plots	pg. 61	pg. 39-50
	Box & Whisker Plots	pg. 80-81	pg. 617-622

***7.4.2.A3** *Misleading Data Representation: Math – pg. 92-95 Pre-Algebra – Additional resources needed.

***7.4.2.A3** *Graph Interval changes of Data Sets: Math & Pre-Algebra – Additional resources needed.

**Essential Indicator/School Wide Enrichment Mini Test III.*

MATH 8th Grade

Prerequisite	<u>Combining Like Terms: Pre-Algebra</u> – pg. 103-107	Algebra I – pg. 102-104
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8.2.2.K3a Evaluating Expressions (substitution): Pre-Algebra – pg. 17-21 Algebra I – pg. 3-7
8.3.1.A1a

8.1.K6b Evaluating Formulas (substitution): Algebra I – pg. 174-179, index
8.3.1.A1a

8.2.2K3a	<u>Solving Equations by:</u>	<u>Adding & Subtracting</u>	<u>Multiplying & Dividing</u>
8.2.2.A1a		Pre-Algebra – pg. 110-114	Pre-Algebra – pg. 115-119
		Algebra I – pg.132-137	Algebra I – pg. 138-144
	Solving Two-Step Equations:	Pre-Algebra – pg. 120-124	Pre-Algebra – pg. 148

8.3.1.A1a	<u>Ratios & Rates:</u>	Pre-Algebra – pg. 264-268	Algebra – pg. 180-183, 643-648
	<u>Proportions:</u>	Pre-Algebra – pg. 270-274	Algebra – pg. 643-648
	<u>Scale Drawings:</u>	Pre-Algebra – pg. 276-280	Algebra – extra resources
	<u>Similar Figures:</u>	Pre-Algebra – pg. 471-276	Algebra – pg. 751

8.1.4.A1a-c Fractions, Decimals, Percents: Pre-Algebra – pg. 281-285
 Using Percents: Pre-Algebra – pg. 288-292 Algebra I – pg. 651-654
 Percent Equations: Pre-Algebra – pg. 298-302 Algebra I – pg. 649-654
 Sales Tax: Pre-Algebra – extra resources Algebra I – pg. 649-654
 Discount: Pre-Algebra – pg. 299-303 Algebra I – extra resources
 Percent of Discount: Pre-algebra & Algebra I – extra resources
 Interest: Pre-Algebra – pg. 299-303 Algebra I – extra resources

***8.2.4.A2** *Accurate representation of Real-World Situation.

**Essential Indicator/School Wide Enrichment Mini Test III.*

DODGE CITY MIDDLE SCHOOL

MATH INTERVENTION PACING SCHEDULE

2009 – 2010

Fourth Mini Assessment: November 19th through December 17th - Mini Test IV – December 18th
After School Session IV: Start January 11th and Post Test January 22nd

MATH 7th Grade

Prerequisite Order of Operations: Math – pg. 14-17, 564 Pre-Algebra – pg. 12-16

7.2.2.K.8 Substitution: Math – pg. 18-24 Pre-Algebra – pg. 17-21, 107, 379, 413, 440
Evaluating Simple Algebraic Expressions:
 Math – pg. 129-130, 134-137
 Pre-Algebra – pg. 103-107, 110-114

7.2.2.A1a Algebraic Expressions R-W: Math – pg. 18-21, 123, 150-152 Pre-Algebra – pg. 17-21, 28-32
1-2 Step Equations R-W: Math – pg. 160-163, 166-169 Pre-Algebra – pg. 120-124

***7.1.4.K5** *Finding Percent of a Number *Discounts
 Math – pg. 319-321, 340-343 Math – pg. 354-356
 Pre-Algebra – pg. 288-292, 298-302 Pre-algebra – pg. 298-302, 738

**Essential Indicator/School Wide Enrichment Mini Test IV.*

MATH 8th Grade

8.4.2.K3 Central Tendency: Mean, Median, Range Algebra I – pg. 369-374, 386

8.2.2.A1a Solving Equations with Variables on Each Side: Pre-Algebra – pg. 330-333 Algebra I – pg. 153-159

8.2.3.A3 Functions: Pre-Algebra – pg. 369-373 Algebra I – pg. 46-52, 690-693

8.2.3.A3 Linear Equations with Two Variables: Pre-Algebra – pg. 375-379 Algebra I – pg. 210-215 (Take plenty of time.)

8.3.4.K1a-d Graphing Linear Equations using Intercepts: Pre-Algebra – pg. 381-385 Algebra I – pg. 218-224, Chapter 5

8.3.4.K1a-d Slope & Slope: Parallel & Perpendicular Line: Pre-Algebra – pg. 387-391 Algebra I – pg. 226-228
Rate of Change: Pre-Algebra – pg. 393-397 Algebra I – pg. 229
Slope-Intercept: Pre-Algebra – pg. 398-401 Algebra I – pg. 240-247
Writing Linear Equations: Pre-Algebra – pg. 404-408 Algebra I – pg. 279-289

***8.1.4.A1a-c** *Decimals & Fractions: *Add & Subtract *Multiply & Divide
 Pre-Algebra – pg. 712-715 Pre-Algebra – pg. 232-236 Pre-Algebra – pg. 210-219
 Algebra I – extra resources, pg. 783 Algebra I – Review Algebra I – Review

**Essential Indicator/School Wide Enrichment Mini Test IV.*

DODGE CITY MIDDLE SCHOOL

MATH INTERVENTION PACING SCHEDULE

2009 – 2010

Fifth Mini Assessment: December 18th through January 26th - Mini Test IV – January 27th
After School Session V: Start February 8th and Post Test February 19th

MATH 7th Grade

- 7.2.1.K1** Patterns Presented in Various Formats: Math – pg. 34-36 Pre-Algebra – 249-252
 Arithmetic & Geometric Sequences: Math – pg. Pre-Algebra – pg.
 Nth Term: Math – pg. 34-36 Pre-Algebra – pg. 249-252
- 7.3.2.K4** Finding Area & Perimeter for: Circles, Parallelograms, Rectangles, Squares, and Triangles
 Math – pg. 270-273 Pre-Algebra – 132-137, 520-525
- 7.3.2.K6** Volume of Rectangular Prism: Math – pg. 520-522 Pre-Algebra – 556-561, 563-577
 Cube Surface Area: Math – pg. 532-536 Pre-Algebra – 556-561
- 7.3.1.K3** Angles & Properties of Triangles and Quadrilaterals:
 Math – pg. 413-414, 428-431 Pre-Algebra – pg. 453-457, 513-517
- *7.3.2.A1c** *Area & Perimeter of Composite Figures: (Figures include only: Rectangles, Squares, & Triangles)
 Math – pg. 271, 489-192 Pre-Algebra – 132-137, 520-525

**Essential Indicator/School Wide Enrichment Mini Test V.*

MATH 8th Grade

- Prerequisite** Perfect Squares & Square Roots: Pre-Algebra – pg. 436-440 Algebra I – pg. 502-516
- 8.3.1.K6a** Right Triangles: Pre-Algebra – pg. 453-457 Algebra I –extra resources
- 8.3.1.K6b** Pythagorean Theorem: Pre-Algebra – pg. 460-464 Algebra I – pg. 737-742
- 8.3.1.A1a** Similar Triangles: Pre-Algebra – pg. 471-476 Algebra I – pg. 140-141, extra resources
- 8.3.1.A1a** Congruent Triangles: Pre-Algebra – pg. 500-504 Algebra I – extra resources
- 8.1.4.A1a-c** Area of: Parallelograms, Triangles, Trapezoids, & Rectangles:
 Pre-Algebra – pg. 520-525 Algebra I – extra resources
- *8.2.4.A2** *Area of Circle & Circumference: Pre-Algebra – pg. 533-538 Algebra I – extra resources
 *Area/Perimeter: Finding Missing Information:
 Pre-Algebra – pg. 533-538
 Algebra I – extra resources

**Essential Indicator/School Wide Enrichment Mini Test V.*

