

Curriculum

Content Area:	MATHEMATICS	Grade Level:	3
MLR Content Standard:	A. Number: Students use numbers in everyday and mathematical contexts to quantify or describe phenomena, develop concepts of operations with different types of numbers, use the structure and properties of numbers with operations to solve problems, and perform mathematical computations. Students develop number sense related to magnitude, estimation, and the effects of mathematical operations on different types of numbers.		
MLR Performance Indicators	WSD Benchmarks	Instruction Level*	Common Assessment
<i>Instruction Levels: I = Introduced; R = Reinforced; E = Evaluated through a Documented Classroom Activity; D = District Common Assessment</i>			
A	Use rounding / estimating to solve multi-digit number stories	R	
A	Read and write decimals up to three digits	IR	
A *	Find factors of a number	I	
A *	Compare, order and identify place value with decimals	IR	
A *	Recognize and know square products	IR	
A *	Understand function and placement of parentheses in number sentences	IR	
A *	Convert between mixed numbers, fractions, and decimals	I	
A *	List and find equivalent fractions	IR	
A1	Read and write numbers up to 99,999	RE	
A1	Identify and express the value of numbers up to 5 digits	RE	
A1	Compare and order numbers up to 7 digits	IR	

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MLR Performance Indicators	WSD Benchmarks	Instruction Level*	Common Assessment
A2	Add and subtract whole numbers up to 4 digits and solve fact extension problems	RE	
A2	Count by 10's & 100's from any given number to express knowledge of the base-10 place value system	RE	
A2 *	Solve multi-digit addition and subtraction number stories	RE	
A3	Multiply single-digit numbers (includes fact families)	IR	
A3	Divide using single-digit divisors and up to two-digit dividends (division facts only, but remainders may be present)	IR	
A3	Solve multiplication and division number stories	RE	
A4	Identify numerators and denominators	IRE	
A4	Identify, read and write fractional parts with denominators up to ten	RE	
A4	Compare and order fractions with like numerators or like denominators	IRE	
A4	Illustrate fractional parts with denominators up to ten	IRE	

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Content Area:	MATHEMATICS	Grade Level:	3
MLR Content Standard:	B. Data: Students make measurements and collect, display, evaluate, analyze and compute with data to describe phenomena and to make decisions based on data. Students compute statistics to summarize data sets and use concepts of probability to make predictions and describe the uncertainty inherent in data collection and measurement.		
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B	Calculate the value of bills and coins and write the total in dollars and cents notation	RE	
B	Solve number stories that involve money	RE	
B	Identify units of capacity	IR	
B	Make change	IR	
B	Calculate elapsed time	IR	
B1	Tell time to the nearest minute	RE	
B1	Solve time and temperature number stories	IRE	
B2	Read and construct bar graphs and tally charts	RE	
B2	Summarize and interpret data in bar graphs and tally charts	IR	
B2	Find minimum and maximum (statistical landmarks) in a set of data	IR	
B2	Find range, mode, median and mean (statistical landmarks) in a set of data	IR	

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B3	Predict outcomes	I	
B3	Explore equal chance events	IR	

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Content Area:	MATHEMATICS	Grade Level:	3
MLR Content Standard:	C. Geometry: Students use measurement and observation to describe objects based on their sizes and shapes, construct two- and three-dimensional objects, solve problems involving geometric properties, compute areas and volumes based on object properties and dimensions, and perform transformations on geometric figures.		
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C	Measure line segments to the nearest 1/4 inch and 1/2 centimeter	RE	
C1	Name, describe and classify 2-D & 3-D shapes	RE	
C1	Identify edges, vertices and right angles in 2-D shapes	IRE	
C1	Determine whether a given angle is greater or smaller than a right angle	IRE	
C1	Identify, draw and name line segments, lines, and rays	I	
C1	Draw parallel and intersecting line segments, lines, and rays	I	
C2	Find the perimeter of a polygon	RE	
C2 *	Find the area of a rectangular region divided into square units	IR	
C3	Identify symmetrical figures and draw lines of symmetry	IRE	
C3	Recognize congruent figures	I	

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Content Area:	MATHEMATICS	Grade Level:	3
MLR Content Standard:	D. Algebra: Students use symbols to represent quantities, patterns and relationships and use symbolic manipulation to evaluate expressions and solve equations. Students solve problems using symbols, tables, graphs and verbal rules choosing the most effective representation and converting among representations.		
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D1	Use equivalent expressions to aid computation (ex. Knowing that $43 + 56$ is the same as $40 + 3 + 50 + 6$)	IRE	
D2	Find the unknown in open sentences in the context of numbers and operations (ex. $5 + 3 = () + 3$ or $3 + 9 = () + 10$)	RE	
D3	Use the inverse relationships between addition and subtraction, multiplication and division to solve problems (positive whole numbers)	IRE	
D3	Use the commutative laws of addition and multiplication to solve problems (positive whole numbers)	IRE	
D4	Create, describe, and extend patterns with numbers and geometric objects	RE	

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