

Name \_\_\_\_\_

School \_\_\_\_\_

Town \_\_\_\_\_

Grade \_\_\_\_\_

Phone \_\_\_\_\_

LEARNING RESULTS			DEGREE OF MATCH	0=no link 1=weak link 2=good link 3=strong link
<b>A.</b>	<b>NUMBERS AND NUMBER SENSE</b> Students will understand and demonstrate a sense of what numbers mean and how they are used. Students will be able to:			
A1.	Read, compare, order, classify, and explain whole numbers up to one million.			
A2.	Read, compare, order, classify, and explain simple fractions through tenths.			
A3.	3. Demonstrate knowledge of the meaning of decimals and integers and an understanding of how they may be used.			
<b>B.</b>	<b>COMPUTATION</b> Students will understand and demonstrate computation skills. Students will be able to:			
B1.	Solve multi-step, real-life problems using the four operations with whole numbers.			
B2.	Solve real-life problems involving addition and subtraction of simple fractions.			
B3.	Demonstrate and explain the problem-solving process using appropriate tools and technology and defend the reasonableness of results.			
B4.	Develop proficiency with the facts and algorithms of the four operations on whole numbers using mental math and a variety of materials, strategies, and technologies.			

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<b>C.</b>	<b>DATA ANALYSIS AND STATISTICS</b> Students will understand and apply concepts of data analysis. Students will be able to:			
C1.	Make generalizations and draw conclusions using various types of graphs, charts, and tables.			
C2.	Read and interpret displays of data.			
<b>D.</b>	<b>PROBABILITY</b> Students will understand and apply concepts of probability. Students will be able to:			
D1.	Explain the concept of chance in predicting outcomes.			
D2.	Estimate probability from a sample of observed outcomes and simulations.			
<b>E.</b>	<b>GEOMETRY</b> Students will understand and apply concepts from geometry. Students will be able to:			
E1.	Describe, model, and classify shapes and figures using applicable properties.			
E2.	Experiment with shapes and figures to make generalizations regarding congruency, symmetry, and similarity.			
E3.	Use transformations such as slides, flips, and rotations.			

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E4.	Use the properties of shapes and figures to describe the physical world.			
<b>F.</b>	<b>MEASUREMENT</b> Students will understand and demonstrate measurement skills. Students will be able to:			
F1.	Solve and justify solutions to real-life problems involving the measurement of time, length, area, perimeter, weight, temperature, mass, capacity, and volume.			
F2.	Select measuring tools and units of measurement that are appropriate for what is being measured.			
<b>G.</b>	<b>PATTERNS, RELATIONS, FUNCTIONS</b> Students will understand that mathematics is the science of patterns, relationships, and functions. Students will be able to:			
G1.	Use the patterns of numbers, geometry, and a variety of graphs to solve a problem.			
G2.	Use variables and open sentences to express relationships.			
<b>H.</b>	<b>ALGEBRA CONCEPTS</b> Students will understand and apply algebraic concepts. Students will be able to:			
H1.	Develop and evaluate simple formulas in problem-solving contexts.			
H2.	Find replacements for variables that make simple number sentences true.			

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<b>I.</b>	<b>DISCRETE MATHEMATICS</b> Students will understand and apply concepts in discrete mathematics. Students will be able to:			
I1.	Create and use organized lists, tree diagrams, Venn diagrams, and networks.			
I2.	Give examples of infinite and finite solutions.			
<b>J.</b>	<b>MATHEMATICAL REASONING</b> Students will understand and apply concepts of mathematical reasoning. Students will be able to:			
J1.	Demonstrate an understanding that support for a claim should be based on evidence of various types (e.g., from logical processes, from measurement, or from observation and experimentation).			
<b>K.</b>	<b>MATHEMATICAL COMMUNICATION</b> Students will reflect upon their understanding of mathematical ideas and relationships. Students will be able			
K1.	Use simple tables and graphs to communicate ideas and information in presentations in a concise and clear manner.			