(Note: N#   means   CSMP Level V)

UNIT	SKILLS	TYPE OF ASSESSMENT USED *

Chapter 1.
 	
Tools for Problem-Solving
(11 days)
	1. Plan for Problem-solving (Richard Strong)
	2. Mental Math (practice in class)
	3. Estimating Techniques (CSMP - N2)
	4. Problem-solving Techniques (1-3+1-4)
	     (one day)
	5. (1-6) Metrics
	6. (1-7) Customary Units
	7. N-7 (optional)
	8. Lab (1-7B)
	9. (1-8) Guess and Check
	10. (1-9) Powers and Exponents
	11. Review Activity
	12. Journal Question
		1. Problem-solving Assessment (quiz; not counted)
		2. Lab (graded like quiz; not counted)
		3. Quiz (paper/pencil)
		4. Chapter Test (graded and kept)
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		N2* (practice)
		
		        [N2**; N2*** >> extra credit]

Chapter 2.
 	
An Introduction to Algebra
(15 days)
	1. Variables and Expressions (CSMP - N3)
	2. Solving Addition and Subtraction
	         Equations (2-3)
	3. Solving ÷ and x Equations (2-4)
	4. Practice In-Style with partner
	5. Writing Expressions and Equations
	6. Solving 2-step Equations
	7. Equations in Perimeter and Area
	8. Solving 1-Step Inequalities (2-10)
	9. Solving 2-Step Inequalities (2-10)
	10. N19
	11. Review Activity 1-2
	12. Journal Question
		1. Quiz
		2. Test (2-1 through 2-9)
		3. Quiz (2-10)
		4. Three (3) labs
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		N3* (practice)
		        [N3**; N3*** >> extra credit]
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		        [N4*** >> extra credit]

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UNIT	SKILLS	TYPE OF ASSESSMENT USED *
Chapter 3. Integers (15 days) *Silver & Strong Unit*	1. Integers & Absolute Value (graphing integers) 2. Comparing and Ordering 3. Adding Integers with Same Sign 4. Adding Integers with Different Signs 5. Subtracting Integers 6. Multiplying and Dividing Integers 7. Solving Equations with Integers (lab) 8. Solving Equations with Integers(group work) 9. Graphing Ordered Pairs on the Coordinate System 10. Review to date 11. Journal Question	1. Lab or project -- subtracting integers 2. Quiz (3-1 through 3-5) 3. Lab – solving equations (integers) 4. Quiz (3-6 through 3-9) 5. Unit Assessment
Chapter 4 Statistics & Data Analysis (9 days)	1. Making a Frequency Table 2. Histograms 3. Line plots 4. Mean, Median, Mode, Upper and Lower Value, Upper and Lower Quartile (Central Tendencies) 5. Box & Whisker plot 6. Review 1-4 7. Journal Question`	1. Project 2. Lab (graded like quiz) 3. Chapter Test
Chapter 5 Measurements in Geometry (12 days)	1. Measure Line Segments (lab) 2. Measure Angles 3. Parallel Lines 4. Types of Triangles and Interior Angles of a Triangle (180º) 5. Venn Diagrams 6. Quadrilateral Description – how organized 7. Reflections lab 8. Congruence and Similarity 9. Transformation 10. Review 1-5 11. Journal Question	1. Labs (graded like quizzes) 2. Activity (place Quadrilaterals properly in a Venn Diagram 3. Quiz (5-1 through 5-4) 4. Lab -- reflections (graded like a quiz) 5. Test

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UNIT	SKILLS	TYPE OF ASSESSMENT USED *
Chapter 6. Patterns and Number Sense (13 days)	1. N32 2. N14; N16 3. N25 4. Greatest Common Factor 5. N28 6. N7 7. Rational Numbers and Repeating Decimals 8. Simple Events (probability as fractions) 9. Least Common Multiple 10. Scientific Notation 11. Comparing and Ordering Rational Numbers 12 Review In-Style with Partner 13. Review 1-6 14. Journal Question	1. Quiz (6-1 through 6-4) 2. Quiz (6-5 through 6-9) 3. Test --- N32* [N32**; N32*** >> extra credit] --- 14A and 14 B --- N16* [N16** >> extra credit] --- N7 (no worksheet) --- N25 (no worksheet) --- N28* [N28**; N28*** >> extra credit]
Chapter 7. Rational Numbers (14 days)	1. N10 2. N22 3. Properties of Rational Numbers: -Associative -Commutative -Distributive property -Inverse property of multiplication 4. Sequences 5. N-6; N-4 6. Area of Triangles, Trapezoids (7-7) and Parallelograms (two days) 7. Circles and Circumference 8. N31; N33; N35	1. Quiz (7-1, 7-2, 7-4, 7-6) 2. Lab (7-7) graded like a quiz 3. Lab (7-8) graded like a quiz 4. Quiz (7-3, 7-7, 7-8) 5. Test --- N4* [N4**; N4*** >> extra credit] --- N6 and N6* [N6**; N6*** >> extra credit]

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UNIT	SKILLS	TYPE OF ASSESSMENT USED *
Chaper 7. (continued)	9. Rational Numbers in Equations (simplify the problems in the book) 10. Review 1-7 11. Journal Question	N10* and N10** [N10***; N10**** >> extra credit] -- N22* [N22**; N22*** >> extra credit] -- N31 -- N33* and N33** [N33**;N33**** >> extra credit] -- N35
Chapter 8. Real Numbers (10 days)	1. Square Root 2. Estimating Square Root 3. Real Number System 4. Use a Formula 5. The Pythagorean Theorem (two days) 6. Using the Pythagorean Theorem 7. Distances on the Coordinate Plane (8-7) (two days) 8. Review 1-8 9. Journal Question	1. Quiz (8-1 through 8-4) 2. Lab – Pythagorean Theorem (graded like a quiz) 3. Lab – finding distance between two points (graded like a quiz) 4. Test
Chapter 9. Applications With Proportions	1. Ratios and Rates (9-1) 2. Proportions (9-2) 3. Using Proportions 4. Draw a Diagram (9-4) 5. Similar Polygons 6. Indirect Measurement 7. Tangent Ratio (9-9) 8. Sine and Cosine Ration 9. Review with partners 10. Review 1-9 11. Journal Question	1. Quiz (9-1 through 9-4) 2. Test

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UNIT	SKILLS	TYPE OF ASSESSMENT USED *
Chapter 10. Applications of Percent (8 days)	1. N23 2. N24 3. Solve a Simple Problem 4. N30 5. Percent of Change 6. Commission (teacher written) 7. Review 1-10 8. Journal Question	1. Quiz (10-1, 10-4) 2. Test --- N23 (a) (b) --- N24 and N24* [N24** >> extra credit] --- N30* [N30**; N30*** >> extra credit]
Chapter 11. Algebra Functions & Graphs (9 days)	1. N9 2. N12 3. N13 4. Equations with Two (2) Variables 5. N17 6. Graphing Systems of Equations 7. Graphing Quadratic Equations 8. Review 1-11 9. Journal Question	1. Lab (11-4) 2. Quiz (11-1 through 11-4) 3. Test --- N9* [N9**; N9*** >> extra credit] --- N12* N12** [N12***; N12**** >> extra credit]
Chapter 12. Area and Volume (8 days)	1. Area of Circle 2. Surface Area of a Prism 3. Surface Area of a Cylinder 4. Volume of Prisms and Cylinders 5. Volume of Pyramids and Cones 6. Review 1-12 7. Journal Question	1. Lab (12-3 and nets) – graded like a quiz 2. Quiz (12-1, 12-4, 12-5) 3. Test

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UNIT	SKILLS	TYPE OF ASSESSMENT USED *
Chapter 13. Discrete Math & Probability (7 days)	1. Counting Outcomes 2. Combinations 3. Probability of Compound Events (13-5) 4. Experimental vs. Theoretical Probability 5. Using Experiments to Predict 6. Review 1-13 7. Journal Question	1. Lab -- experimental probability (graded like a quiz) 2. Test

*CSMP problems will be incorporated into daily "get started" activities and into tests