

**A Harcourt Achieve Standard Correlation Of Saxon Math Course 1 Teacher's Edition ©2007
To The WKCE-CRT Mathematics Assessment Framework © 2005**

GRADE SIX			
WKCE-CRT ASSESSMENT FRAMEWORK	INSTRUCTION		ASSESSMENT
	INSTRUCTION	MAINTENANCE	
Mathematics			
Mathematical Processes			
Objective A. Students will effectively use mathematical knowledge, skills and strategies related to reasoning, communication, connections, representation and problem solving.			
Use reasoning and logic to: <ul style="list-style-type: none"> Perceive patterns Identify relationships Formulate questions Pose problems Make conjectures Justify strategies Test reasonableness of results 	<u>New Concept</u> Lesson(s): 4, 10, 50, 63, 66, 119 <u>Investigation</u> Number(s): 1	<u>Power Up</u> Lesson(s): 1, 3, 5-7, 9, 13, 15, 19, 21, 23, 25-28, 33-35, 37, 43-47, 49, 53, 55-56, 60, 64-65, 67-70, 72, 74-76, 83, 85, 87-90, 92-93, 95, 99-100, 103, 105, 107, 110-111, 114, 117, 120 <u>Written Practice</u> Lesson(s): 6, 10-21, 23, 26, 29, 31-34, 37, 47-48, 50, 52, 54, 56-61, 63, 66, 70, 72, 88-89, 93, 97-98, 107-108, 111	<u>Cumulative Assessment</u> Number(s): 2, 4, 6 <u>Performance Task</u> Number(s): 3A, 3B, 3C, 5A, 5B <u>End of Course Exam</u> Course: 1
Communicate mathematical ideas and logical reasoning using the vocabulary of mathematics in a variety of ways e.g., using words, numbers, symbols, pictures, charts, tables, diagrams, graphs, and models.	<u>New Concept</u> Lesson(s): 10, 13, 47, 88, 119-120 <u>Investigation</u> Number(s): 2, 5	<u>Power Up</u> Lesson(s): 7, 33 <u>Written Practice</u> Lesson(s): 1-4, 7-9, 12-13, 15-20, 23-24, 27-28, 32-33, 36-37, 41-42, 60, 64, 69, 73, 77-79, 83-85, 88, 90, 92-93, 99-101, 104-105, 110, 113, 118	<u>Cumulative Assessment</u> Number(s): 3-4 <u>Performance Task</u> Number(s): 3A, 3B, 3C, 7A, 7B <u>End of Course Exam</u> Course: 1
Connect mathematics to the real world, as well as within mathematics	<u>New Concept</u> Lesson(s): 10-11, 13-16, 25, 45, 51, 58, 77, 80, 87 <u>Investigation</u> Number(s): 1, 5	<u>Power Up</u> Lesson(s): 7, 12, 19, 41, 54, 76, 87, 89, 92 <u>Written Practice</u> Lesson(s): 4-5, 7-8, 10-12, 14-25, 28-29, 42-44, 46-48, 51-52, 54-55, 57-64, 67-68, 70-73, 77, 80, 83, 85, 91-92, 94, 97-98, 101, 104, 108, 110, 112-114, 119	<u>Cumulative Assessment</u> Number(s): 1-23 <u>End of Course Exam</u> Course: 1
Create and use representations to organize, record, and communicate mathematical ideas.	<u>New Concept</u> Lesson(s): 1-2, 6, 8-9, 24, 27-28, 42, 58, 62, 65, 71 <u>Investigation</u> Number(s): 1-3, 6-7, 12	<u>Written Practice</u> Lesson(s): 1-2, 5-6, 8-11, 14-17, 19, 21-22, 24-25, 29, 42, 49, 51, 53-54, 57, 61, 66-67, 69, 71, 74, 80, 83, 93, 101, 107, 109, 116-117, 119	<u>Cumulative Assessment</u> Number(s): 1-23 <u>End of Course Exam</u> Course: 1
Solve and analyze routine and non-routine problems.	<u>New Concept</u> Lesson(s): 1-120 <u>Investigation</u> Number(s): 1-12	<u>Power Up</u> Lesson(s): 1-120 <u>Written Practice</u> Lesson(s): 1-120	<u>Cumulative Assessment</u> Number(s): 1-23 <u>End of Course Exam</u> Course: 1
Objective B: Number Operations and Relationships			
Subskill B.a.: Concepts			
Recognize and apply place-value concepts to whole numbers less than 10,000,000.	<u>New Concept</u> Lesson(s): 1, 9, 12, 32	<u>Written Practice</u> Lesson(s): 12-23, 25, 31-40, 42, 44, 52, 54-55, 59-60, 65, 70, 73, 82-83, 89, 98, 113-114, 120	<u>Cumulative Assessment</u> Number(s): 3-5, 7-8, 10 <u>End of Course Exam</u> Course: 1

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WKCE-CRT ASSESSMENT FRAMEWORK	INSTRUCTION		ASSESSMENT
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Mathematics			
Mathematical Processes			
Objective B: Number Operations and Relationships			
Subskill B.a.: Concepts			
Read, write and represent numbers using words, numerals, pictures (base-ten blocks), number lines, arrays, expanded forms (12,436=10,000+2,000+400+30+6) and symbolic renaming e.g., 12,436=12,450-14.	<u>New Concept</u> Lesson(s): 1, 9, 12, 32	<u>Written Practice</u> Lesson(s): 12-23, 25, 31-40, 42, 44, 52, 54-55, 59-60, 65, 70, 73, 82-83, 89, 98, 113-114, 120	<u>Cumulative Assessment</u> Number(s): 3-5, 7-8, 10 <u>End of Course Exam</u> Course: 1
Compare and order numbers less than 100,000 represented in numbers, arrays, symbols (<, >, =) and words.	<u>New Concept</u> Lesson(s): 9	<u>Written Practice</u> Lesson(s): 9-13, 15-24, 31-32, 35, 38, 44, 46, 48-50, 52, 54-55, 57, 59, 64, 73, 76, 79-80, 92, 94, 106, 108, 115-116	<u>Cumulative Assessment</u> Number(s): 2, 11, 14 <u>End of Course Exam</u> Course: 1
Identify and use number theory concepts: <ul style="list-style-type: none"> ▪ prime and composite numbers ▪ divisibility potential of numbers (divisors of 1-10, 25). ▪ least common multiples through 24 ▪ greatest common factors through 50 	<u>New Concept</u> Lesson(s): 2, 10, 19-21, 25, 30, 38-39, 65, 73, 92	<u>Power Up</u> Lesson(s): 26, 60, 65 <u>Written Practice</u> Lesson(s): 19-34, 36-57, 60, 62-64, 66-67, 71-72, 74-76, 78, 81, 83, 91, 99, 103, 107-109, 114	<u>Cumulative Assessment</u> Number(s): 4-6, 8-10, 12, 15 <u>End of Course Exam</u> Course: 1
Read, write and identify monetary amounts represented with visual models.	<u>New Concept</u> Lesson(s): 1, 15	<u>Written Practice</u> Lesson(s): 1-11, 15-16, 18, 20, 28, 30, 37, 72, 94	<u>Cumulative Assessment</u> Number(s): 1-3 <u>End of Course Exam</u> Course: 1
Compare and order monetary amounts.	<u>New Concept</u> Lesson(s): 9	<u>Written Practice</u> Lesson(s): 9-13	<u>Cumulative Assessment</u> Number(s): 2, 11, 14 <u>End of Course Exam</u> Course: 1
Equate a monetary value with its benchmark fraction and percent. (Eg. \$.25=1/4=25%)	<u>New Concept</u> Lesson(s): 1, 15	<u>Written Practice</u> Lesson(s): 1-11, 15-16	<u>Cumulative Assessment</u> Number(s): 1-3 <u>End of Course Exam</u> Course: 1
Demonstrate basic understanding of proportionality in proportional contexts.	<u>New Concept</u> Lesson(s): 23, 83, 85, 88, 101, 105, 119 <u>Investigation</u> Number(s): 11	<u>Written Practice</u> Lesson(s): 10-11, 13, 15, 17-18, 20, 23-28, 30-32, 34, 36, 39-57, 60-63, 66, 68, 71, 73, 75, 77, 79-120	<u>Cumulative Assessment</u> Number(s): 3, 5, 9-22 <u>Performance Task</u> Number(s): 7A, 7B <u>End of Course Exam</u> Course: 1
Read, write, identify, order, compare and mixed fractions.	<u>New Concept</u> Lesson(s): 76, 85	<u>Written Practice</u> Lesson(s): 76-78, 80-81, 85, 95-97, 113	<u>Cumulative Assessment</u> Number(s): 16 <u>End of Course Exam</u> Course: 1

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Mathematics			
Mathematical Processes			
Objective B: Number Operations and Relationships			
Subskill B.a.: Concepts			
Represent fractions using numbers, pictures, and number lines.	<u>New Concept</u> Lesson(s): 17 <u>Investigation</u> Number(s): 2	<u>Written Practice</u> Lesson(s): 17-20, 21-26-37, 39-41-47, 49, 59, 71, 68, 70, 74, 77, 81, 90, 92-93, 98, 112	<u>Cumulative Assessment</u> Number(s): 5-6, 8-9 <u>End of Course Exam</u> Course: 1
Rename improper fractions to mixed numbers in lowest terms.	<u>New Concept</u> Lesson(s): 26, 29	<u>Written Practice</u> Lesson(s): 26-38, 40-52, 75, 77, 79, 81, 83-84, 89, 91, 99, 119	<u>Cumulative Assessment</u> Number(s): 6-8, 10, 13-15, 17 <u>End of Course Exam</u> Course: 1
Identify and represent equivalence between fractions, percents, and decimals.	<u>New Concept</u> Lesson(s): 33, 35, 42	<u>Written Practice</u> Lesson(s): 33-40, 43-48, 51-54, 56-58, 63-65, 67-69, 71, 73-119	<u>Cumulative Assessment</u> Number(s): 7-8, 15-17, 19-23 <u>End of Course Exam</u> Course: 1
Subskill B.b.: Computation			
Use all operations in everyday situations to solve single or multi-step word problems.	<u>New Concept</u> Lesson(s): 1-2, 4	<u>Written Practice</u> Lesson(s): 1-24, 27-35, 37, 39-40, 42, 44, 49-53, 57-59, 63-64, 68, 71-72, 74, 85-86, 89, 94, 96, 98, 100, 103, 110	<u>Cumulative Assessment</u> Number(s): 1-6, 10 <u>End of Course Exam</u> Course: 1
Solve three and four-digit addition and subtraction with regrouping, multiplication of three-digit by two-digit numbers, division with single-digit divisors and four-digit dividends with two-step or mixed operation problems.	<u>New Concept</u> Lesson(s): 1	<u>Written Practice</u> Lesson(s): 1-11, 20, 72, 94	<u>Cumulative Assessment</u> Number(s): 1-3 <u>End of Course Exam</u> Course: 1
Compute with decimals in the context of money and make change.	<u>New Concept</u> Lesson(s): 1-2	<u>Written Practice</u> Lesson(s): 1-21, 23-24, 27-35, 37, 39-40, 42, 44, 49-53, 58-59, 71-74, 83, 94	<u>Cumulative Assessment</u> Number(s): 1-6, 10 <u>End of Course Exam</u> Course: 1
Solve problems using basic multiplication and division facts.	<u>New Concept</u> Lesson(s): 2	<u>Written Practice</u> Lesson(s): 2-21, 23-24, 27, 29-31, 33-35, 37, 39-40, 42, 44, 49-53, 71, 89, 110	<u>Cumulative Assessment</u> Number(s): 1-6, 10 <u>End of Course Exam</u> Course: 1
Rename improper fractions.	<u>New Concept</u> Lesson(s): 62	<u>Written Practice</u> Lesson(s): 62-70, 72-75, 89, 91	<u>Cumulative Assessment</u> Number(s): 13 <u>End of Course Exam</u> Course: 1
Add and subtract fractions with unlike denominators (halves, thirds, fourths, fifths, and tenths) with sums or differences between 0 and 1.	<u>New Concept</u> Lesson(s): 55-56	<u>Written Practice</u> Lesson(s): 55-70, 73, 78, 91, 94, 100, 118	<u>Cumulative Assessment</u> Number(s): 11-13, 15-16, 18 <u>End of Course Exam</u> Course: 1
Estimate using basic whole number operations, benchmark fractions and benchmark decimals.	<u>New Concept</u> Lesson(s): 16, 51, 66	<u>Written Practice</u> Lesson(s): 16-18, 21-26, 29-31, 33-34, 36-37, 39, 42, 45-46, 48, 51-52, 54-57, 60-61, 64, 68, 74, 76-78, 80, 82, 88, 90, 92-93, 95, 107, 110-111, 115	<u>Cumulative Assessment</u> Number(s): 4-6, 8, 10-11, 16, 21 <u>End of Course Exam</u> Course: 1

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Mathematics			
Mathematical Processes			
Objective B: Number Operations and Relationships			
Subskill B.b.: Computation			
Determine reasonableness of answers.	<u>New Concept</u> Lesson(s): 16, 51, 66	<u>Written Practice</u> Lesson(s): 16-18, 21-26, 29-31, 33-34, 36-37, 39, 42, 45-46, 48, 51-52, 54-57, 60-61, 64, 68, 74, 76-78, 80, 82, 88, 90, 92-93, 95, 107, 110-111, 115, 117	<u>Cumulative Assessment</u> Number(s): 4-6, 8, 10-11, 16, 21 <u>End of Course Exam</u> Course: 1
Objective C: Geometry			
Subskill C.a.: Describing figures			
Recognize and name polygons with 3, 4, 5, 6 or 8 sides.	<u>New Concept</u> Lesson(s): 60, 93	<u>Written Practice</u> Lesson(s): 60-61, 64-71, 73, 75-78, 80-87, 89, 91-92, 94, 96, 100-102, 104, 107, 113, 115, 118	<u>Cumulative Assessment</u> Number(s): 12, 14-17, 20 <u>End of Course Exam</u> Course: 1
Identify lines and line segments in a plane figure.	<u>New Concept</u> Lesson(s): 7 <u>Investigation</u> Number(s): 7	<u>Written Practice</u> Lesson(s): 7-9, 11-12, 19, 21-23, 26, 28, 36, 43, 65, 68-70, 76, 96, 99	<u>Cumulative Assessment</u> Number(s): 14 <u>End of Course Exam</u> Course: 1
Classify plane figures by characteristics of angles (acute, obtuse and right) and describe rays found in open-angle situations.	<u>New Concept</u> Lesson(s): 28, 97 <u>Investigation</u> Number(s): 3	<u>Written Practice</u> Lesson(s): 28-31, 36, 41, 55, 64, 67-70, 72-84, 87, 89, 90, 93-94, 96, 98-100, 107-110, 116-117, 119	<u>Cumulative Assessment</u> Number(s): 6, 13-14, 19, 23 <u>End of Course Exam</u> Course: 1
Subskill C.b.: Spatial relationships and transformations			
Use tangrams to describe, model, and construct plane figures.	<u>New Concept</u> Lesson(s): 60	<u>Written Practice</u> Lesson(s): 60-61, 64-71	<u>Cumulative Assessment</u> Number(s): 12, 14-16 <u>End of Course Exam</u> Course: 1
Identify figures that are congruent and/or similar.	<u>New Concept</u> Lesson(s): 60, 79, 108-109 <u>Investigation</u> Number(s): 11	<u>Written Practice</u> Lesson(s): 109	<u>Cumulative Assessment</u> Number(s): 23 <u>End of Course Exam</u> Course: 1
Describe and compare cubes, rectangular and triangular prisms and rectangular and triangular pyramids from nets (flat patterns).	<u>Investigation</u> Number(s): 6, 12	<u>Written Practice</u> Lesson(s): 61, 64-71, 73-76, 81-83, 87, 90-92, 94-95, 99, 101, 104	<u>Cumulative Assessment</u> Number(s): 13-14, 18-20 <u>End of Course Exam</u> Course: 1
Use slides, flips and turns on figures. Identify congruent shapes using figures that have been manipulated by one or two motions (slides, flips and turns).	<u>New Concept</u> Lesson(s): 108	<u>Written Practice</u> Lesson(s): 108-111, 117	<u>Cumulative Assessment</u> Number(s): 20 <u>End of Course Exam</u> Course: 1
Identify lines of symmetry and the number of lines of symmetry in figures and design shapes that have at least one line of symmetry.	<u>New Concept</u> Lesson(s): 110	<u>Written Practice</u> Lesson(s): 110-113, 116-119	<u>Cumulative Assessment</u> Number(s): 22 <u>End of Course Exam</u> Course: 1

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Mathematics			
Mathematical Processes			
Objective C: Geometry			
Subskill C.b.: Spatial relationships and transformations			
Identify and describe 3-dimensional figures from multiple perspectives.	Investigation Number(s): 6	Written Practice Lesson(s): 60-61, 64-87, 89-96, 98-102, 104, 107, 109-113, 115-119	Cumulative Assessment Number(s): 12-20, 22-23 End of Course Exam Course: 1
Subskill C.c.: Coordinate systems			
Identify and plot the coordinates of locations or objects on simple one quadrant grids using numbers only for coordinates, (e.g., (3, 2)).	New Concept Lesson(s): 108 Investigation Number(s): 7	Written Practice Lesson(s): 71-91, 84, 96-88, 90-94, 96, 101-104, 108, 110, 112-116, 119-120	Cumulative Assessment Number(s): 15-22 End of Course Exam Course: 1
Locate the fourth coordinate pair when given three vertices of a rectangle or parallelogram on a coordinate grid.	Investigation Number(s): 7	Written Practice Lesson(s): 71-91, 84, 96-88, 90-94, 96, 101-104, 108, 110, 112-116, 119-120	Cumulative Assessment Number(s): 15-19, 21-22 End of Course Exam Course: 1
Objective D: Measurement			
Subskill D.a.: Measurable attributes			
Identify appropriate units to measure length, liquid capacity, volume, time, weight/mass, temperature, including mixed measures. Units include: inches, feet, yards,(i.e. 1 foot 3 inches) miles, centimeters, millimeters, meters, kilometers, ounces, cups quarts, gallons, liters, hours, minutes, seconds (i.e. 1 hour 15 minutes) , days, months, years, ounces, pounds, grams, kilograms and degrees Fahrenheit/Celsius.	New Concept Lesson(s): 7, 78	Written Practice Lesson(s): 7-9, 11-15, 19, 21-23, 26, 28, 33, 35-36, 39, 43, 52, 56, 58, 65, 68-69, 71-72, 76, 78-82, 84-85, 87-90, 92-96, 99-108, 113-116, 119-120	Cumulative Assessment Number(s): 2, 4, 16, 21 End of Course Exam Course: 1
Compare attributes of length, volume and weight by observation or when given actual measurements.	New Concept Lesson(s): 82	Written Practice Lesson(s): 82-90, 93, 95, 98-111, 113-120	Cumulative Assessment Number(s): 17-18, 20-22 End of Course Exam Course: 1
Make measurement conversions within a system between units (e.g., feet and yards; inches and yards; quarts and gallons; meters and centimeters; seconds and hours).	New Concept Lesson(s): 7, 78, 81, 95, 114	Power Up Lesson(s): 1-10, 13-24, 31, 34, 36, 40-42, 51, 55-56 Written Practice Lesson(s): 78-82, 84-85, 87-90, 92-96, 98-109, 114, 116, 118, 120	Cumulative Assessment Number(s): 2, 4, 17, 23 End of Course Exam Course: 1
Subskill D.b.: Direct measurement			
Measure down to the nearest - 1/8-inch, centimeter or millimeter.	New Concept Lesson(s): 7	Written Practice Lesson(s): 7-9, 11-15, 19, 21-23, 26, 28, 33, 35-36, 39, 43, 52, 56, 58, 65, 68-69, 71-72, 76, 78, 83, 87, 96, 98-99, 101, 105, 109-111, 113, 118, 120	Cumulative Assessment Number(s): 2, 4 End of Course Exam Course: 1

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Mathematics			
Mathematical Processes			
Objective D: Measurement			
Subskill D.b.: Direct measurement			
Determine angle measurement to nearest five degrees using a protractor.	<u>Investigation</u> Number(s): 3	<u>Written Practice</u> Lesson(s): 32, 34, 41, 43, 98-101, 103, 105, 107-109, 111, 116, 119	<u>Cumulative Assessment</u> Number(s): 8, 19 <u>End of Course Exam</u> Course: 1
Read and interpret measuring instruments to determine the measurement of objects with standard units (U.S. customary).	<u>New Concept</u> Lesson(s): 7	<u>Written Practice</u> Lesson(s): 7-9, 11-15, 19, 21-23, 26, 28, 33, 35-36, 39, 43, 52, 56, 58, 65, 68-69, 71-72, 76, 78, 83, 87, 96, 98-99, 101, 105, 109-111, 113, 118, 120	<u>Cumulative Assessment</u> Number(s): 2, 4 <u>End of Course Exam</u> Course: 1
Determine and compare elapsed time in problem-solving situations.	<u>New Concept</u> Lesson(s): 13, 32	<u>Written Practice</u> Lesson(s): 13, 16-17, 28, 32-35, 37-40, 42-44, 47-48, 51, 53, 55, 57, 59, 61, 63-64, 68, 71, 75, 77, 81, 83-86, 90-91, 97	<u>Cumulative Assessment</u> Number(s): 3, 8 <u>End of Course Exam</u> Course: 1
Subskill D.c.: Indirect measurement			
Estimate measurements using U.S. customary and metric measurement.	<u>New Concept</u> Lesson(s): 86, 118	<u>Written Practice</u> Lesson(s): 118	<u>Cumulative Assessment</u> Number(s): Test & Practice Generator <u>End of Course Exam</u> Course: 1
Determine the area of regular shapes including right triangles.	<u>New Concept</u> Lesson(s): 31, 79	<u>Power Up</u> Lesson(s): 32-33, 45 <u>Written Practice</u> Lesson(s): 31-37, 39-42, 46, 48-50, 54, 57, 63-64, 67-68, 70, 73, 75, 77, 79-80, 83-86, 88-95, 97-100, 102-108, 110, 113-114, 116-117, 119-120	<u>Cumulative Assessment</u> Number(s): 7-9, 11-14, 16-23 <u>End of Course Exam</u> Course: 1
Determine distance between points using a scale.	<u>New Concept</u> Lesson(s): 10 <u>Investigation</u> Number(s): 11	<u>Written Practice</u> Lesson(s): 10-11, 13, 15, 17-18, 20, 24-25, 28, 43-44, 46, 57, 68, 77, 103, 111-112, 119	<u>Cumulative Assessment</u> Number(s): 3 <u>End of Course Exam</u> Course: 1
Objective E: Statistics and Probability			
Subskill E.a: Data analysis and statistics			
Formulate questions to collect, organize and display data.	<u>New Concept</u> Lesson(s): 18, 40 <u>Investigation</u> Number(s): 1, 4-5, 9	<u>Written Practice</u> Lesson(s): 18, 59, 64, 70, 86	<u>Cumulative Assessment</u> Number(s): 19 <u>End of Course Exam</u> Course: 1
Collect, organize and display data in appropriate graphs or charts.	<u>New Concept</u> Lesson(s): 18, 40 <u>Investigation</u> Number(s): 1, 4-5, 9	<u>Written Practice</u> Lesson(s): 18, 51, 56-57, 59, 62, 64, 66, 70, 80, 86, 89, 94, 99, 102, 107, 113-120	<u>Cumulative Assessment</u> Number(s): 19 <u>End of Course Exam</u> Course: 1
Draw reasonable conclusions based on contextual data.	<u>New Concept</u> Lesson(s): 18, 40 <u>Investigation</u> Number(s): 1, 4-5, 9	<u>Written Practice</u> Lesson(s): 18, 51, 56-57, 59, 62, 64, 66, 70, 80, 86, 89, 94, 99, 102, 107, 113-120	<u>Cumulative Assessment</u> Number(s): 19 <u>End of Course Exam</u> Course: 1

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Mathematics			
Mathematical Processes			
Objective E: Statistics and Probability			
Subskill E.a: Data analysis and statistics			
Use data to predict outcomes or trends from graphs and tables.	<u>New Concept</u> Lesson(s): 18, 40 <u>Investigation</u> Number(s): 1, 4-5, 9	<u>Written Practice</u> Lesson(s): 18, 40, 59, 62, 64, 70, 86	<u>Cumulative Assessment</u> Number(s): 4 <u>End of Course Exam</u> Course: 1
Extract, interpret and analyze data from single bar graphs, tables and charts, line plots, context, circle graphs and Venn diagrams.	<u>New Concept</u> Lesson(s): 20, 40 <u>Investigation</u> Number(s): 4, 5, 9	<u>Written Practice</u> Lesson(s): 18, 51, 56-57, 59, 62, 64, 66, 70, 80, 86, 89, 94, 99, 102, 107, 113-120	<u>Cumulative Assessment</u> Number(s): 19 <u>End of Course Exam</u> Course: 1
Describe a given set of data of ten or fewer items/numbers using the terms mean, median, mode and range to extract information from organized charts, tables, graphs and Venn diagrams in problems with and without context.	<u>New Concept</u> Lesson(s): 18 <u>Investigation</u> Number(s): 5	<u>Power Up</u> Lesson(s): 26, 30, 39, 50, 72-75, 77-78, 116-120 <u>Written Practice</u> Lesson(s): 18-22, 25-26, 28, 30, 32, 34, 36-37, 39, 41-42, 44-45, 47-50, 53-54, 56, 58, 60-62, 66-70, 72-74, 79-80, 90, 92-94, 96-97, 100-104, 106-107, 111	<u>Cumulative Assessment</u> Number(s): 4-6, 8, 10 <u>End of Course Exam</u> Course: 1
Subskill E.b.: Probability			
Determine the likelihood of future events, predict outcomes of future events and test predictions using data from a variety of sources.	<u>New Concept</u> Lesson(s): 58 <u>Investigation</u> Number(s): 9, 10	<u>Power Up</u> Lesson(s): 18, 23, 26, 43-44, 61, 115 <u>Written Practice</u> Lesson(s): 58-60, 62, 65-68, 72, 75, 77, 82, 85-86, 92-106, 108-111, 113, 115-117, 119-120	<u>Cumulative Assessment</u> Number(s): 12-14, 19-20, 22-23 <u>End of Course Exam</u> Course: 1
Choose or design an event that is fair or unfair.	<u>Investigation</u> Number(s): 9	<u>Written Practice</u> Lesson(s): 91, 93, 98	<u>Cumulative Assessment</u> Number(s): Test & Practice Generator <u>End of Course Exam</u> Course: 1
Determine the probability of events in context using words, percents or fractions.	<u>New Concept</u> Lesson(s): 58 <u>Investigation</u> Number(s): 9, 10	<u>Written Practice</u> Lesson(s): 58-60, 62, 65-68, 72, 75, 77, 82, 85-86, 91-106, 109, 111, 113, 116, 119-120	<u>Cumulative Assessment</u> Number(s): 12-14, 19-20, 22-23 <u>End of Course Exam</u> Course: 1
Describe and determine the number of combinations of selecting 3 items from 4 or more items.	<u>New Concept</u> Lesson(s): 58 <u>Investigation</u> Number(s): 9, 10	<u>Power Up</u> Lesson(s): 43-44, 47-48, 76	<u>Cumulative Assessment</u> Number(s): 12-13, 15-17, 19, 21 <u>End of Course Exam</u> Course: 1

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GRADE SIX			
WKCE-CRT ASSESSMENT FRAMEWORK	INSTRUCTION		ASSESSMENT
	INSTRUCTION	MAINTENANCE	
Mathematics			
Mathematical Processes			
Objective F: Algebraic Relationships			
Subskill F.a.: Patterns, relations and functions			
Recognize, extend, describe, create and replicate a variety of patterns including attribute, numeric and geometric patterns.	<u>New Concept</u> Lesson(s): 10, 96	<u>Power Up</u> Lesson(s): 1, 17, 58-59 <u>Written Practice</u> Lesson(s): 10-15, 17-21, 23, 26, 29, 31-34, 37, 47, 50, 52, 54, 57-58, 60-61, 63, 93, 97-98, 108	<u>Cumulative Assessment</u> Number(s): 2-4, 7 <u>End of Course Exam</u> Course: 1
Represent patterns and relationships with pictures, table and charts.	<u>New Concept</u> Lesson(s): 10, 96	<u>Power Up</u> Lesson(s): 1, 17 <u>Written Practice</u> Lesson(s): 10-15, 17-21, 23, 26, 29, 31-34, 37, 47, 50, 52, 54, 57-58, 60-61, 63, 93, 97-98, 108	<u>Cumulative Assessment</u> Number(s): 2-4, 7 <u>End of Course Exam</u> Course: 1
Describe a rule that explains a functional relationship or pattern using addition, subtraction or multiplication rules.	<u>New Concept</u> Lesson(s): 10, 82, 96	<u>Power Up</u> Lesson(s): 58-59 <u>Written Practice</u> Lesson(s): 96-97, 99, 102, 105, 109, 114, 118-119	<u>Cumulative Assessment</u> Number(s): 2, 4, 6 <u>End of Course Exam</u> Course: 1
Determine a future event in a pattern up to the tenth item when given the first five.	<u>New Concept</u> Lesson(s): 10, 82, 96	<u>Power Up</u> Lesson(s): 58-59 <u>Written Practice</u> Lesson(s): 96-97, 99, 102, 105, 109, 114, 118-119	<u>Cumulative Assessment</u> Number(s): 2, 4, 6 <u>End of Course Exam</u> Course: 1
Solve simple two-step, two operation patterns. Ex: 5, 8, 6, 9, 7, 10, 8..... (Pattern: +3-2.....)Represent patterns and relationships with pictures, table and charts.	<u>New Concept</u> Lesson(s): 10, 82, 96	<u>Power Up</u> Lesson(s): 58-59 <u>Written Practice</u> Lesson(s): 96-97, 99, 102, 105, 109, 114, 118-119	<u>Cumulative Assessment</u> Number(s): 2, 4, 6 <u>End of Course Exam</u> Course: 1
Subskill F.b: Expressions, equations and inequalities			
Demonstrate basic understanding of equality and inequality using symbols (<, >, =) with multi-step, mixed operations.	<u>New Concept</u> Lesson(s): 9, 13, 73 <u>Investigation</u> Number(s): 2	<u>Written Practice</u> Lesson(s): 5-25, 27-35, 37-38, 44, 46, 48, 52-57, 63-64, 66-67, 69, 99, 102, 104, 106, 111	<u>Cumulative Assessment</u> Number(s): 1-3, 6-7, 19, 23 <u>End of Course Exam</u> Course: 1
Solve one-step equations with “box” variable and whole number coefficients in problems with and without context using whole number coefficients.	<u>New Concept</u> Lesson(s): 3-4	<u>Written Practice</u> Lesson(s): 3-12, 14-25, 28-29, 31-34, 36-37, 40-41, 47, 54, 61, 67, 74, 86-87, 89, 97	<u>Cumulative Assessment</u> Number(s): 1-4, 7 <u>End of Course Exam</u> Course: 1
Solve two-step multi-operation equations with “box” or letter variable and whole number coefficients with and without context. Ex: 3 * ”box” +1 = 7	<u>New Concept</u> Lesson(s): 106	<u>Written Practice</u> Lesson(s): 106-109, 111-112, 114-117, 119	<u>Cumulative Assessment</u> Number(s): 22 <u>End of Course Exam</u> Course: 1

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GRADE SIX			
WKCE-CRT ASSESSMENT FRAMEWORK	INSTRUCTION		ASSESSMENT
	INSTRUCTION	MAINTENANCE	
Mathematics			
Mathematical Processes			
Objective F: Algebraic Relationships			
Subskill F.b: Expressions, equations and inequalities			
Represent problem situations with one or two-step equations or expressions. Solve simple two-step, two operation patterns.	<u>New Concept</u> Lesson(s): 106	<u>Written Practice</u> Lesson(s): 106-109, 111-112, 114-117, 119	<u>Cumulative Assessment</u> Number(s): 22 <u>End of Course Exam</u> Course: 1
Solve two-step open sentences involving all operations.	<u>New Concept</u> Lesson(s): 106	<u>Written Practice</u> Lesson(s): 106-109, 111-112, 114-117, 119	<u>Cumulative Assessment</u> Number(s): 22 <u>End of Course Exam</u> Course: 1
Solve equations involving any two operations. Ex: $3 * 4 - 2 = ?$ Ex: $12/3 + 1 = \text{"box"}$ Ex: $5 * 2 - 1 = a$	<u>New Concept</u> Lesson(s): 106	<u>Written Practice</u> Lesson(s): 106-109, 111-112, 114-117, 119	<u>Cumulative Assessment</u> Number(s): 22 <u>End of Course Exam</u> Course: 1
Subskill F.c.: Properties			
Use the commutative property of multiplication with positive single digits.	<u>New Concept</u> Lesson(s): 13, 47, 82	<u>Written Practice</u> Lesson(s):	<u>Cumulative Assessment</u> Number(s): <u>End of Course Exam</u> Course: 1
Use the inverse relationship of division and multiplication with single whole digits.	<u>New Concept</u> Lesson(s): 2, 4, 87	<u>Written Practice</u> Lesson(s): 111-114, 116-118	<u>Cumulative Assessment</u> Number(s): 17-18, 23 <u>End of Course Exam</u> Course: 1
Simplify (evaluate) two-step numerical expressions using correct order of operations.	<u>New Concept</u> Lesson(s): 5, 84	<u>Written Practice</u> Lesson(s): 5-8, 11-22, 24-25, 27-30, 34, 37-38, 54, 56-57, 63-64, 66-67, 69, 84-90, 92-93, 96-102, 104, 106-107, 112, 117	<u>Cumulative Assessment</u> Number(s): 17 <u>End of Course Exam</u> Course: 1
Demonstrate understanding of distributive property.	<u>New Concept</u> Lesson(s): 5, 84	<u>Written Practice</u> Lesson(s): 5-8, 11-22	<u>Cumulative Assessment</u> Number(s): 17 <u>End of Course Exam</u> Course: 1
Demonstrate understanding of order of operations by solving two-step open sentences involving all operations.	<u>New Concept</u> Lesson(s): 5, 84	<u>Written Practice</u> Lesson(s): 5-8, 11-22, 24-25, 27-30, 34, 37-38, 54, 56-57, 63-64, 66-67, 69, 84-90, 92-93, 96-102, 104, 106-107, 112, 117	<u>Cumulative Assessment</u> Number(s): 17 <u>End of Course Exam</u> Course: 1