



Grade Level: First

Date: August 16, 2011

Teacher with contact information: Karlene Hardy karlhard@mackayschools.org

SUBJECT INFORMATION

Mathematics

COMMON CORE / STATE CONTENT STANDARDS/VOCABULARY OBJECTIVES

Mathematics

By the end of Grade 1 the student will be able to:

Demonstrate knowledge of our numeration system by counting forward by ones and tens to 100, by counting backward by ones from 20, and by counting with ordinal numbers.

Read, write, compare, and order whole numbers to 100.

Identify place value through 99.

Identify and state the value of pennies, nickels, and dimes.

Select strategies appropriate for solving a problem.

Use objects, pictures, and symbols to add up to 10 and subtract from up to 9.

Solve addition problems using objects, pictures, and symbols for sums up to 10.

Solve subtraction problems using objects, pictures, and symbols from up to 9.

Estimate a quantity of objects when shown a set of 10.

Use estimation to evaluate the reasonableness of an answer.

Use non-standard tools and units for measuring length, volume (capacity), and weight.

Estimate measurement using non-standard units.

Tell time to the hour.

Recite the days of the week, in order, and identify yesterday and tomorrow on a calendar.

Write an addition problem in both vertical and horizontal form.

Draw a picture and/or write a number sentence when given an addition word problem.

Compare numbers to 99 using vocabulary (less than, greater than, equal to, more, less, same, fewer).

Describe and extend a repeating pattern.

Recognize, name, build, draw, and sort two- and three-dimensional shapes (triangle, rectangle, square, circle, cone, cube, cylinder).

Sort and classify objects by more than one attribute.

Indicate whether a number is above or below a benchmark number (100 or less) on a number line.

Interpret information found in real object graphs and in pictographs to answer questions.

Gather and display data in real object graphs and in pictographs to answer a question.

Use appropriate vocabulary.

Math Vocabulary

ordinal numbers: number used to show the place such as 1st 2nd 3rd.

whole number: tells how many.

place value: position of a number that shows the value.

penny: 1 cent.

nickel: 5 cents.

dime: 10 cents.

data: number or symbols collected to show information.

place value: position of a number that shows the value.

pictograph: a graph with pictures.

graph: a type of chart to display data.

benchmark: given.

number line: a line with number labels.

vocabulary: words we use and their meanings.

attribute: characteristics.

dimensional: something with length, width and thickness.

pattern: an order that a set of objects or numbers follows over and over.

compare: to look at the similarities and differences.

word problem: a sentence that uses real life situations.

vertical: up and down.

horizontal: across

calendar: a way to show time in days, weeks and months.

hour: 60 minutes.

non-standard: using objects.

measuring: using objects to identify characteristics of an object.

length: how long something is.

volume: how much an object can contain.

weight: how heavy something

evaluate: does it make sense?

estimate: an educated guess.

quantity: an amount (much).

add: to join together.

subtract: to take a part away.

symbols: something that stand for something else.

INSTRUCTIONAL MATERIALS

Textbook Scott Foreman-Addison Wesley Envision math grade1

UNITS WITH INSTRUCTIONAL DATES

Week 1 Numbers to 12		Numbers to 100.Meaning of +/-.
-------------------------	--	-----------------------------------

<p>1-1 Number: 0 to 5</p> <p>1-2 Number: 6 to 10</p> <p>1-3 Number: 10, 11, and 12</p> <p>1-4 Number: Spatial Patterns for Numbers to 9</p> <p>1-5 Number: Spatial Patterns for Numbers to 10</p> <p>1-6 Problem Solving: Use Objects</p>		<p>(3)Number Sentences Symbols Know +/- facts Know +/- facts equivalent forms</p>
<p>Week 2 Comparing and Ordering Numbers</p> <p>2-1 Number: Comparing Two Numbers</p> <p>2-2 Number: Ordering Three Numbers</p> <p>2-3 Number: Ordering Numbers to 12 with a Number line</p> <p>2-4 Problem Solving: Act it Out</p>		<p>Know +/- facts</p> <p>More than, less than, 10 more, 10 less.</p> <p>Classify objects by attributes.</p>
<p>Week 3 Comparing and Ordering Numbers</p> <p>2-1 Number: Comparing Two Numbers</p> <p>2-2 Number: Ordering Three Numbers</p> <p>2-3 Number: Ordering Numbers to 12 with a Number line</p> <p>2-4 Problem Solving: Act it</p>		

Out		
<p>Week 4 Understanding Addition</p> <p>3-1 Addition: Making 6 and 7</p> <p>3-2 Addition: Making 8</p> <p>3-3 Addition: Making 9</p> <p>3-4 Addition: Introducing Addition Number Sentences</p> <p>3-5 Addition: Stories About Joining</p> <p>3-6 Addition: Adding in Any Order</p> <p>3-7 Problem Solving: Use Object</p>		
<p>Week 5 Understanding Addition</p> <p>3-1 Addition: Making 6 and 7</p> <p>3-2 Addition: Making 8</p> <p>3-3 Addition: Making 9</p> <p>3-4 Addition: Introducing Addition Number Sentences</p> <p>3-5 Addition: Stories About Joining</p> <p>3-6 Addition: Adding in Any Order</p> <p>3-7 Problem Solving: Use Object</p>		
Week 6		Meaning of +/-.

<p>Understanding Subtraction</p> <p>4-1 Subtraction: Finding Missing Parts of 6 and 7</p> <p>4-2 Subtraction: Finding Missing Parts of 8</p> <p>4-3 Subtraction: Finding Missing Parts of 9</p> <p>4-4 Subtraction: Introducing Subtraction Number Sentences</p> <p>4-5 Subtraction: Stories About Separating</p> <p>4-6 Subtraction: Stories About Comparing</p> <p>4-7 Subtraction: Connecting Addition and Subtraction</p> <p>4-8 Problem Solving: Use Objects</p>		<p>- Know +/- facts.</p> <p>- More than, less than, 10 more, 10 less.</p>
<p>Week 7</p> <p>Understanding Subtraction</p> <p>4-1 Subtraction: Finding Missing Parts of 6 and 7</p> <p>4-2 Subtraction: Finding Missing Parts of 8</p> <p>4-3 Subtraction: Finding Missing Parts of 9</p> <p>4-4 Subtraction: Introducing Subtraction Number Sentences</p> <p>4-5 Subtraction: Stories About Separating</p> <p>4-6 Subtraction: Stories</p>		

<p>About Comparing</p> <p>4-7 Subtraction: Connecting Addition and Subtraction</p> <p>4-8 Problem Solving: Use Objects</p>		
<p>Week 8 Five and Ten Relationships</p> <p>5-1 Number: Representing Numbers on a Ten-Frame</p> <p>5-2 Number: Recognizing Numbers on a Ten-Frame</p> <p>5-3 Number: Parts of 10</p> <p>5-4 Number: Finding Missing Parts of 10</p> <p>5-5 Problem Solving: Make a Table</p>		
<p>Week 9 Addition Facts to 12</p> <p>6-1 Addition: Adding with 0, 1, 2</p> <p>6-2 Addition: Doubles</p> <p>6-3 Addition: Near Doubles</p> <p>6-4 Addition: Facts with 5 on a Ten-Frame</p> <p>6-5 Addition: Making 10 on a Ten-Frame</p> <p>6-6 Problem Solving: Draw a Picture and Write a Number Sentence</p>		
<p>End of 1st Quarter</p>		

<p>Week 10 Addition Facts to 12</p> <p>6-1 Addition: Adding with 0, 1, 2</p> <p>6-2 Addition: Doubles</p> <p>6-3 Addition: Near Doubles</p> <p>6-4 Addition: Facts with 5 on a Ten-Frame</p> <p>6-5 Addition: Making 10 on a Ten-Frame</p> <p>6-6 Problem Solving: Draw a Picture and Write a Number Sentence</p>		
<p>Week 11 Subtraction Facts to 12</p> <p>7-1 Subtraction: Subtracting with 0, 1, 2</p> <p>7-2 Subtraction: Thinking Addition</p> <p>7-3 Subtraction: Thinking Addition to 8 to Subtract</p> <p>7-4 Subtraction: Thinking Addition to 12 to Subtract</p> <p>7-5 Problem Solving: Draw a Picture and Write a Number Sentence</p>		<p>- Know +/- facts.</p> <p>2.1 ID and Compare shapes and 3D objects.</p> <p>- Classify objects by attributes. Follow Directions</p> <p>- Describe objects in space.</p>
<p>Week 12 Subtraction Facts to 12</p> <p>7-1 Subtraction: Subtracting with 0, 1, 2</p> <p>7-2 Subtraction: Thinking Addition</p>		

<p>7-3 Subtraction: Thinking Addition to 8 to Subtract</p> <p>7-4 Subtraction: Thinking Addition to 12 to Subtract</p> <p>7-5 Problem Solving: Draw a Picture and Write a Number Sentence</p>		
<p>Week 13 Geometry</p> <p>8-1 Geometry: Identifying Plane Shapes</p> <p>8-2 Geometry: Properties of Plane Shapes</p> <p>8-3 Geometry: Making New Shapes from Shapes</p> <p>8-4 Geometry: Breaking Apart Shapes to Make Shapes</p> <p>8-5 Geometry: Ways to Move Shapes</p> <p>8-6 Geometry: Congruence</p> <p>8-7 Geometry: Symmetry</p> <p>8-8 Problem Solving: Make an Organized List</p> <p>8-9 Geometry: Identifying Solid Figures</p> <p>8-10 Geometry: Flat Surfaces and Corners</p> <p>8-11 Geometry: Sorting Solid Figures</p>		<p>-Determine approach and materials.</p>
<p>Week 14 Geometry</p>		

<p>8-1 Geometry: Identifying Plane Shapes</p> <p>8-2 Geometry: Properties of Plane Shapes</p> <p>8-3 Geometry: Making New Shapes from Shapes</p> <p>8-4 Geometry: Breaking Apart Shapes to Make Shapes</p> <p>8-5 Geometry: Ways to Move Shapes</p> <p>8-6 Geometry: Congruence</p> <p>8-7 Geometry: Symmetry</p> <p>8-8 Problem Solving: Make an Organized List</p> <p>8-9 Geometry: Identifying Solid Figures</p> <p>8-10 Geometry: Flat Surfaces and Corners</p> <p>8-11 Geometry: Sorting Solid Figures</p>		
<p>Week 15 Patterns</p> <p>9-1 Patterns: Describing Patterns</p> <p>9-2 Patterns: Using Patterns to Predict</p> <p>9-3 Patterns: Extending Shape Patterns</p> <p>9-4 Problem Solving: Look for a Pattern</p>		<p>-Patterns</p> <p>-1.2 Tell time to nearest half hour.</p>

<p>Week 16 Patterns</p> <p>9-1 Patterns: Describing Patterns</p> <p>9-2 Patterns: Using Patterns to Predict</p> <p>9-3 Patterns: Extending Shape Patterns</p> <p>9-4 Problem Solving: Look for a Pattern</p> <p>Counting and Number Patterns to 100</p>		
<p>Week 17</p> <p>10-1 Number: Making Numbers 11 to 20</p> <p>10-2 Number: Using Numbers 11 to 20</p> <p>10-3 Patterns: Counting by 10s to 100</p> <p>10-4 Patterns: Counting Patterns on a Hundred Chart</p> <p>10-5 Patterns: Using Skip Counting</p> <p>10-6 Patterns: Odd and Even Numbers</p> <p>10-7 Number: Ordinals Through Twentieth</p> <p>10-8 Patterns: Patterns in Tables</p> <p>10-9 Problem Solving: Look for a Pattern</p>		
<p>Week 18</p> <p>10-1 Number: Making Numbers 11 to 20</p>		

<p>10-2 Number: Using Numbers 11 to 20</p> <p>10-3 Patterns: Counting by 10s to 100</p> <p>10-4 Patterns: Counting Patterns on a Hundred Chart</p> <p>10-5 Patterns: Using Skip Counting</p> <p>10-6 Patterns: Odd and Even Numbers</p> <p>10-7 Number: Ordinals Through Twentieth</p> <p>10-8 Patterns: Patterns in Tables</p> <p>10-9 Problem Solving: Look for a Pattern</p>		
<p>End of 2nd quarter</p>		
<p>Week 19 Tens and Ones</p> <p>11-1 Number: Counting with Groups of 10 and Leftovers</p> <p>11-2 Number: Numbers made with Tens</p> <p>11-3 Number: Tens and Ones</p> <p>11-4 Number: Expanded Form</p> <p>11-5 Number: Ways to Make Numbers</p> <p>11-6 Problem Solving: Make an Organized List</p>		<p>-Group objects by 10s.</p> <p>-Count by 2s, 5s, 10s.</p> <p>- Group objects by 10s.</p> <p>-Count by 2s, 5s, 10s.</p> <p>Use of numbers to 100</p>

<p>Week 20 Tens and Ones</p> <p>11-1 Number: Counting with Groups of 10 and Leftovers</p> <p>11-2 Number: Numbers made with Tens</p> <p>11-3 Number: Tens and Ones</p> <p>11-4 Number: Expanded Form</p> <p>11-5 Number: Ways to Make Numbers</p> <p>11-6 Problem Solving: Make an Organized List</p>		
<p>Week 21 Comparing and Ordering Numbers to 100</p> <p>12-1 Number: 1 More, 1 Less, 10 More, 10 Less</p> <p>12-2 Number: Making Numbers on a Hundred Chart</p> <p>12-3 Number: Comparing Numbers with $>$, $<$, $=$</p> <p>12-4 Number: Ordering Numbers with a Hundred Chart</p> <p>12-5 Number: Number Line Estimation</p> <p>12-6 Number: Before, After, and Between</p> <p>12-7 Number: Ordering</p>		

<p>Three Numbers</p> <p>12-8 Problem Solving: Make an Organized List</p>		
<p>Week 22</p> <p>Comparing and Ordering Numbers to 100</p> <p>12-1 Number: 1 More, 1 Less, 10 More, 10 Less</p> <p>12-2 Number: Making Numbers on a Hundred Chart</p> <p>12-3 Number: Comparing Numbers with $>$, $<$, $=$</p> <p>12-4 Number: Ordering Numbers with a Hundred Chart</p> <p>12-5 Number: Number Line Estimation</p> <p>12-6 Number: Before, After, and Between</p> <p>12-7 Number: Ordering Three Numbers</p> <p>12-8 Problem Solving: Make an Organized List</p>		
<p>Week 23</p> <p>Money</p> <p>13-1 Money: Values of Penny and Nickel</p> <p>13-2 Money: Values of Penny, Nickel, and Dime</p> <p>13-3 Money: Value of Quarter</p> <p>13-4 Money: Values of</p>		<p>More than, less than, 10 more, 10 less.</p> <p>- $<$, $>$, $=$ - +/- one and two digits. (14) - Three one digit numbers. Estimation strategies.</p> <p>- Connections (</p>

<p>Half Dollar and Dollar</p> <p>13-5 Money: Counting Sets of Coins</p> <p>13-6 Problem Solving: Try, Check, and Revise</p>		<p>- Know +/- facts.</p> <p>- Determine approach and materials.</p>
<p>Week 24 Money</p> <p>13-1 Money: Values of Penny and Nickel</p> <p>13-2 Money: Values of Penny, Nickel, and Dime</p> <p>13-3 Money: Value of Quarter</p> <p>13-4 Money: Values of Half Dollar and Dollar</p> <p>13-5 Money: Counting Sets of Coins</p> <p>13-6 Problem Solving: Try, Check, and Revise</p>		<p>-Organize, represent, and compare.</p> <p>- Sort and describe data by attribute.</p> <p>-Represent and compare data.</p> <p>Counting Money</p> <p>NS</p> <p>- ID and know value of coins.</p> <p>Calculations and Validity.</p>
<p>week25 Measurement</p> <p>14-1 Measurement: Comparing and Ordering by Length</p> <p>14-2 Measurement: Using Units to Estimate and Measure Length</p> <p>14-3 Problem Solving: Use Reasoning</p> <p>14-4 Measurement: Feet and Inches</p> <p>14-5 Measurement:</p>		

<p>Centimeters</p> <p>14-6 Measurement: Understanding Perimeters</p> <p>14-7 Measurement: Comparing and Ordering by Capacity</p> <p>14-8 Measurement: Cups, Pints, and Quarts</p> <p>14-9 Measurement: Liters</p> <p>14-10 Measurement: Comparing and Ordering by Weight</p> <p>14-11 Measurement: Pounds</p> <p>14-12 Measurement: Grams and Kilograms</p> <p>14-13 Measurement: Comparing and Ordering by Temperature</p>		
<p>Week 26 Measurement</p> <p>14-1 Measurement: Comparing and Ordering by Length</p> <p>14-2 Measurement: Using Units to Estimate and Measure Length</p> <p>14-3 Problem Solving: Use Reasoning</p> <p>14-4 Measurement: Feet and Inches</p> <p>14-5 Measurement: Centimeters</p>		<p>-Measurement with nonstandard units. - Compare length, width, volume. NS - +/- one and two digits. - Determine approach and materials. - Use Tools</p>

<p>14-6 Measurement: Understanding Perimeters</p> <p>14-7 Measurement: Comparing and Ordering by Capacity</p> <p>14-8 Measurement: Cups, Pints, and Quarts</p> <p>14-9 Measurement: Liters</p> <p>14-10 Measurement: Comparing and Ordering by Weight</p> <p>14-11 Measurement: Pounds</p> <p>14-12 Measurement: Grams and Kilograms</p> <p>14-13 Measurement: Comparing and Ordering by Temperature</p>		
<p>Week 27 Time</p> <p>15-1 Time: Understanding the Hour and Minute Hands</p> <p>15-2 Time: Telling and Writing Time to the Hour</p> <p>15-3 Time: Telling and Writing Time to the Half Hour</p> <p>15-4 Time: Estimating and Ordering Lengths of Time</p> <p>15-5 Time: Using the Calendar</p> <p>15-6 Problem Solving: Use Data from a Table</p>		<p>Patterns</p> <p>-Tell time to nearest half hour.</p>

<p>Week 28 Time</p> <p>15-1 Time: Understanding the Hour and Minute Hands</p> <p>15-2 Time: Telling and Writing Time to the Hour</p> <p>15-3 Time: Telling and Writing Time to the Half Hour</p> <p>15-4 Time: Estimating and Ordering Lengths of Time</p> <p>15-5 Time: Using the Calendar</p> <p>15-6 Problem Solving: Use Data from a Table</p>		
<p>End of 3rd quarter</p>		
<p>Week 29 Time</p> <p>15-1 Time: Understanding the Hour and Minute Hands</p> <p>15-2 Time: Telling and Writing Time to the Hour</p> <p>15-3 Time: Telling and Writing Time to the Half Hour</p> <p>15-4 Time: Estimating and Ordering Lengths of Time</p> <p>15-5 Time: Using the Calendar</p> <p>15-6 Problem Solving: Use Data from a Table</p>		<p>Patterns</p> <p>-Tell time to nearest half hour.</p>
<p>Week 30 Addition Factors to 18</p> <p>16-1 Addition: Doubles</p>		<p>-Inverse +/-.</p> <p>-Create +/- problem</p>

<p>16-2 Addition: Doubles Plus 1</p> <p>16-3 Addition: Doubles Plus 2</p> <p>16-4 Problem Solving: Two-Question Problems</p> <p>16-5 Addition: Making 10 to Add 9</p> <p>16-6 Addition: Making 10 to Add 8</p> <p>16-7 Addition: Adding Three Numbers</p> <p>16-8 Problem Solving: Make a Table</p>		<p>situations. Know +/- facts.</p> <p>-Use Tools</p>
<p>Week 31 Addition Factors to 18</p> <p>16-1 Addition: Doubles</p> <p>16-2 Addition: Doubles Plus 1</p> <p>16-3 Addition: Doubles Plus 2</p> <p>16-4 Problem Solving: Two-Question Problems</p> <p>16-5 Addition: Making 10 to Add 9</p> <p>16-6 Addition: Making 10 to Add 8</p> <p>16-7 Addition: Adding Three Numbers</p> <p>16-8 Problem Solving: Make a Table</p>		

Week 32		
<p>Subtraction using related facts</p> <p>17-1 Subtraction: Using Related Facts</p> <p>17-2 Subtraction: Fact Families</p> <p>17-3 Subtraction: Using Addition to Subtract</p> <p>17-4 Subtraction: Subtraction Facts</p> <p>17-5 Problem Solving: Draw a Picture and Write a Number Sentence</p>		<p>-Organize, represent, and compare.</p> <p>-Sort and describe data by attribute.</p> <p>-Represent and compare data.</p> <p>NS</p> <p>1D and know value of coins.</p> <p>-Calculations and Validity.</p>
<p>Data and Graphs</p> <p>18-1 Graphs: Use Data from Real Graphs</p> <p>18-2 Graphs: Using Data from Picture Graphs</p> <p>18-3 Graphs: Using Data from Bar Graphs</p> <p>18-4 Graphs: Location on a Grid</p> <p>18-5 Graphs: Collecting Data Using Tally Marks</p> <p>18-6 Graphs: Making Real Graphs</p> <p>18-7 Graphs: Making Picture Graphs</p> <p>18-8 Problem Solving: Make a Graph</p> <p>18-9 Probability: Certain or Impossible</p>		

18-10 Probability: Likely or Unlikely		
<p>Week 34 Data and Graphs</p> <p>18-1 Graphs: Use Data from Real Graphs</p> <p>18-2 Graphs: Using Data from Picture Graphs</p> <p>18-3 Graphs: Using Data from Bar Graphs</p> <p>18-4 Graphs: Location on a Grid</p> <p>18-5 Graphs: Collecting Data Using Tally Marks</p> <p>18-6 Graphs: Making Real Graphs</p> <p>18-7 Graphs: Making Picture Graphs</p> <p>18-8 Problem Solving: Make a Graph</p> <p>18-9 Probability: Certain or Impossible</p> <p>18-10 Probability: Likely or Unlikely</p>		
<p>Week 35 Data and Graphs</p> <p>18-1 Graphs: Use Data from Real Graphs</p> <p>18-2 Graphs: Using Data from Picture Graphs</p> <p>18-3 Graphs: Using Data from Bar Graphs</p>		

<p>18-4 Graphs: Location on a Grid</p> <p>18-5 Graphs: Collecting Data Using Tally Marks</p> <p>18-6 Graphs: Making Real Graphs</p> <p>18-7 Graphs: Making Picture Graphs</p> <p>18-8 Problem Solving: Make a Graph</p> <p>18-9 Probability: Certain or Impossible</p> <p>18-10 Probability: Likely or Unlikely</p>		
<p>Week 36 Fractional Parts</p> <p>19-1 Fractions: Making Equal Parts</p> <p>19-2 Fractions: Describing Equal Parts of Whole Objects</p> <p>19-3 Fractions: Making Parts of a Set</p> <p>19-4 Fractions: Describing Parts of Sets</p> <p>19-5 Problem Solving: Draw a Picture</p>		<p>- Compare and name unit fractions $\frac{1}{12}$ to $\frac{1}{2}$.</p> <p>-Fractions of whole and parts of group.</p> <p>-Fractions make a whole.</p>
<p>Week 37 Adding and Subtracting with Tens and Ones</p> <p>20-1 Addition: Adding Groups of 10</p>		<p>- Compare and name unit fractions $\frac{1}{12}$ to $\frac{1}{2}$.</p> <p>-Fractions of whole and parts of group.</p> <p>-Fractions make</p>

<p>20-2 Addition: Adding Tens on a Hundred Chart</p> <p>20-3 Addition: Adding Tens to Two-Digit Numbers</p> <p>20-4 Addition: Adding to a Two-Digit Number</p> <p>20-5 Subtraction: Subtracting Tens on a Hundred Chart</p> <p>20-6 Subtraction: Subtracting Tens from a Two-Digit Numbers</p> <p>20-7 Subtraction: Subtracting from a Two-Digit Number</p> <p>20-8 Problem Solving: Extra Information</p>		<p>a whole.</p> <p>Adding and Subtracting with Tens and Ones</p>
<p>Week 38 Adding and Subtracting with Tens and Ones</p> <p>20-1 Addition: Adding Groups of 10</p> <p>20-2 Addition: Adding Tens on a Hundred Chart</p> <p>20-3 Addition: Adding Tens to Two-Digit Numbers</p> <p>20-4 Addition: Adding to a Two-Digit Number</p> <p>20-5 Subtraction: Subtracting Tens on a Hundred Chart</p> <p>20-6 Subtraction: Subtracting Tens from a Two-Digit Numbers</p>		<p>Adding and Subtracting with Tens and Ones</p>

20-7 Subtraction: Subtracting from a Two-Digit Number		
20-8 Problem Solving: Extra Information		
Week 39	End of the year test and review	

ASSESSMENTS / TESTS

Assessments provided by En Vision Math series, daily observations, and daily work.

GRADING PROCEDURES

Students will be graded on participation. They will be graded on how they present and explain the information when asked or tested. This grading can be through write, test, demonstration, drawing, manipulating manipulative, or telling verbally.

CLASS RULES

Be kind to others, Work to your best abilities, and Be respectful.

MISCELLANEOUS

Manipulative, Store, Math games, Charts, Math Books