

Ganado Unified School District #20 (Mathematics/Grades 6-8 Life Skills Program)

PACING Guide SY 2017-2018

Resources	AZ College and Career Readiness Standard	Essential Question (HESS Matrix)	Learning Goal	Vocabulary (Content/Academic)
First Quarter				
Week 1 Numbers Number Line Number cards Place Value Charts	06.NS.1, 07.NS.2, 08.NS.1 Numbers Counting Place Value	What is this number? Can you count to 10,000?	Student will identify numbers and count to 10,000	Number Ones Tens Hundreds Thousands
Touch Math materials	Addition Subtraction	How do you add to 4 digits with regrouping? How do you subtract to 4 digits with regrouping?	Student will add to 4 digits with regrouping. Student will add to 4 digits with regrouping.	Regroup Adds Borrow Exchange Subtrahend Minuend
Multiplication chart	Multiplication Division	How do you use a multiplication chart or an array to multiply? How do you divide with remainders?	Student will multiply by sequence counting or using a multiplication chart. Student will divide 1 into 2 digits with remainders	Multiplicand Multiplier Array Sequence count by 2,3,4,5 Remainder Divisor Dividend Quotient

<p>Week 2</p> <p>Judy Clock</p> <p>Worksheets</p>	<p>Telling time to the minute</p>	<p>What time is it? Which is the hour hand and minute hand?</p> <p>How many minutes are in an hour, $\frac{1}{2}$ hour, $\frac{1}{4}$ hour? How many hours are in a day? What is AM and PM?</p>	<p>Student will tell time to the quarter hour, half hour, to 5 minute intervals and to the minute.</p>	<p>Hour hand</p> <p>Minute hand</p> <p>Second hand</p> <p>Analog clock</p> <p>Digital clock</p>
<p>Coins</p> <p>Bills</p> <p>Money tray</p> <p>Number chart</p> <p>Change chart</p>	<p>Money</p>	<p>How much is each coin or bill worth? What are the names of the coins and bills?</p> <p>How much money is this?</p> <p>How do you make change for a purchase?</p>	<p>Student will identify coins and bills by name and amount of worth. The student will count coins and bills to \$1.00. Student will make change for a purchase.</p>	<p>Dollar</p> <p>Quarter</p> <p>Dime</p> <p>Nickel</p> <p>Penny</p> <p>Skip count</p>
<p>Week 3</p>	<p>Measurement</p>	<p>How long is this in inches, centimeters, feet, millimeters, meters, miles, kilometers?</p>	<p>Student will measure using USA Standard and Metric measurements.</p>	<p>Inch, foot, yard, mile, centimeter, millimeter, meter, kilometer</p>
	<p>Geometry</p>	<p>What is this shape? Can you draw this shape?</p>	<p>Student will identify linear and 3 dimensional shapes as well as reproduce them.</p>	<p>Circle, oval, square, triangle, rectangle, rhombus, octagon, cube, cone, sphere, cylinder, pyramid rectangular prism</p>
<p>Week 4</p>	<p>Fractions</p>	<p>What is a fraction? How does it look? What are the parts?</p>	<p>The student will identify, construct and identify equivalent fractions.</p>	<p>Numerator, denominator, whole, part, mixed number</p>

Week 5 to 9

Multiplication by 4

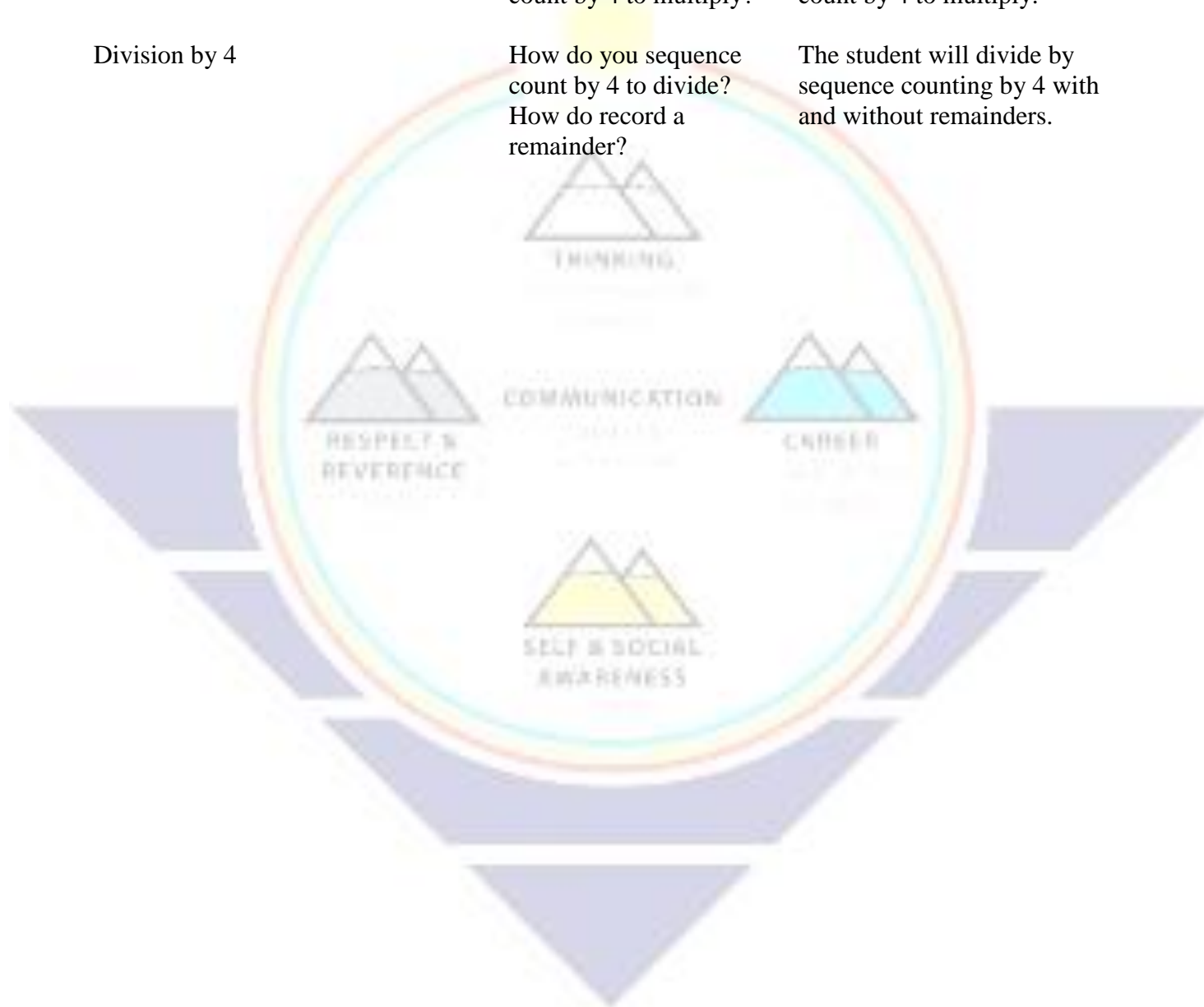
How do you sequence count by 4 to multiply?

The student will sequence count by 4 to multiply.

Division by 4

How do you sequence count by 4 to divide?
How do record a remainder?

The student will divide by sequence counting by 4 with and without remainders.



Second Quarter

Week 1-9
Graph paper
Pop sticks

Multiplying 2 times 2 digits

How do you multiply 2 times 2 digits?

The student will multiply 2 times 2 digits with regrouping.

Place value
 Place holder

Geometry
 Line segments

What are the different line segments?

Identify and draw line segments.

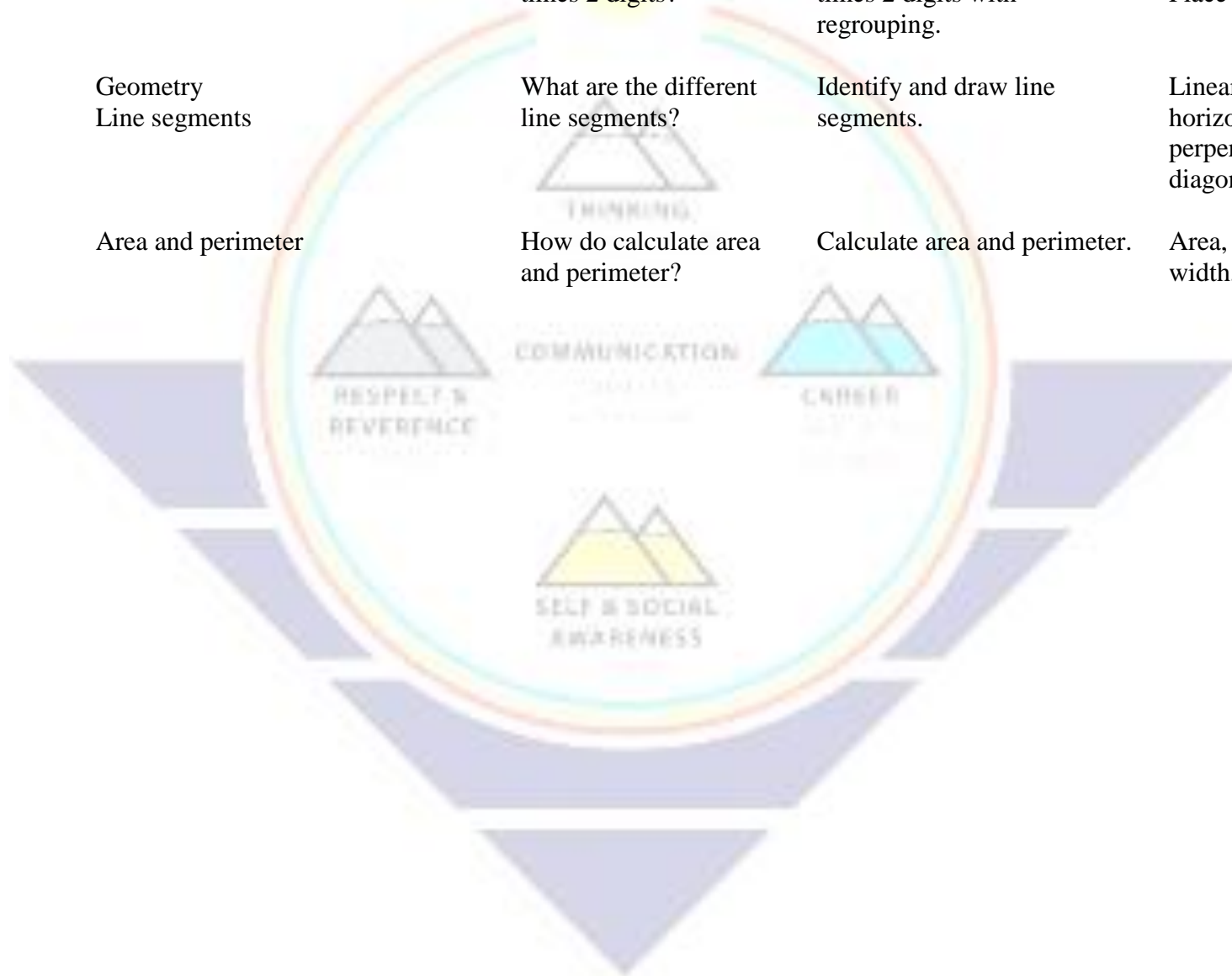
Linear, ray, vertical, horizontal, parallel, perpendicular, diagonal

Area and perimeter

How do calculate area and perimeter?

Calculate area and perimeter.

Area, perimeter, width, length, height



Third Quarter

Week 1-9

Division

How do you divide by 2 digits?

The student will divide by 2 digits with remainders.

Place value

Liquid measurement

What are the standard USA measures for liquids?

Name the standard USA liquid measurements.

Ounce
Pound
Ton

Volume

What are the metric measures for volume?

Name the metric measures for volume.

Gram
Milligram
kilogram



Fourth Quarter

Week 1-9

06.EE.3, 07.EE.3, 08.EE.6.9
Word Problems

What do you do first when trying to solve a word problem?
What is the cube method?

The student will solve word problems using the cube method.

Operation
Cube method

