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 Addends Borrow Exchange Subtrahend Minuend
Multiplication chart	Multiplication	How do you use a multiplication chart or an array to multiply?	Student will multiply by sequence counting or using a multiplication chart.	Multiplicand Multiplier Array Sequence count by 2,3,4,5
	Division	How do you divide with remainders?	Student will divide 1 into 2 digits with remainders	Remainder Divisor Dividend Quotient

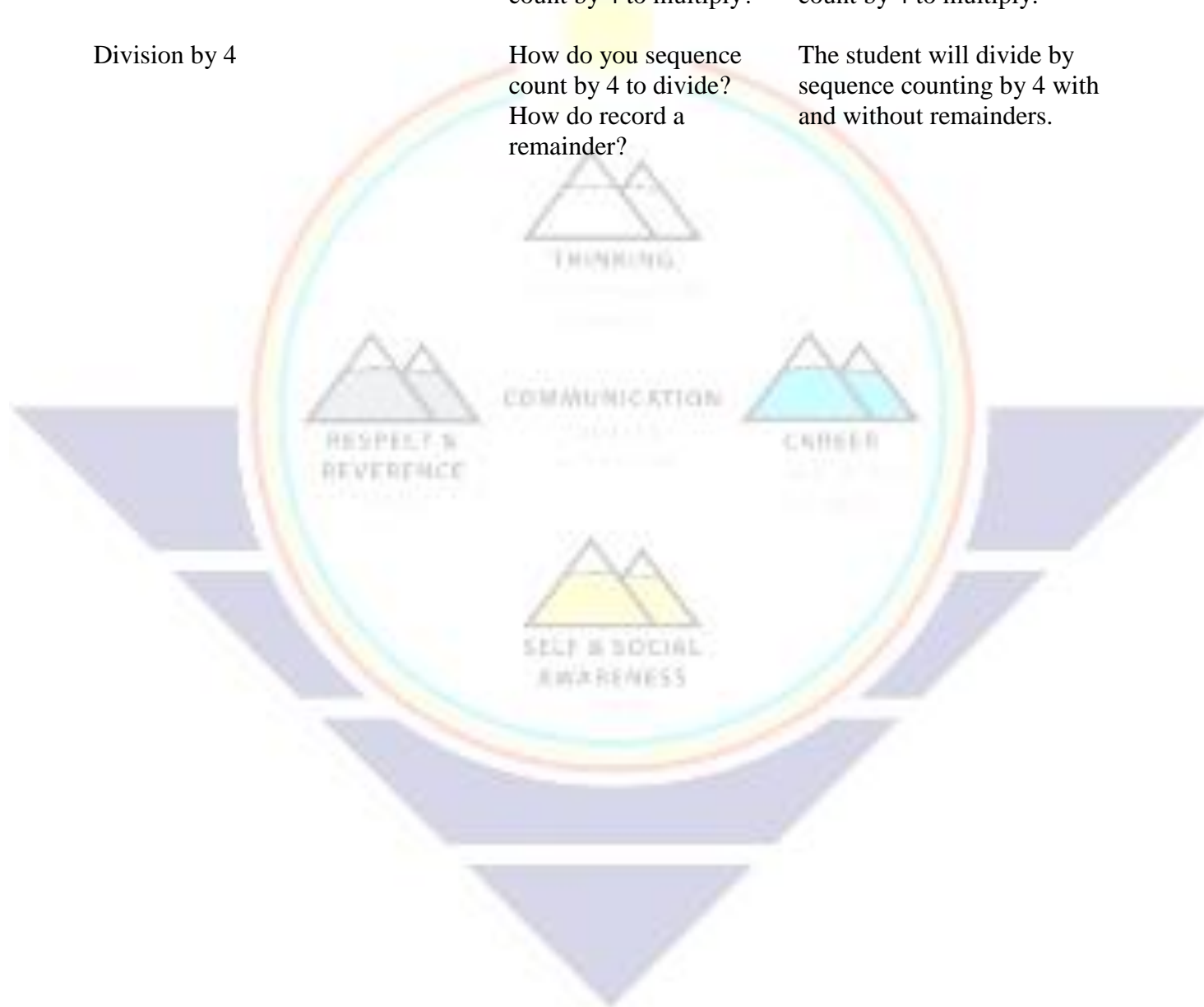|				
Week 2 Judy Clock Worksheets	Telling time to the minute	What time is it? Which is the hour hand and minute hand? How many minutes are in an hour, ½ hour, ¼ hour? How many hours are in a day? What is AM and PM?	Student will tell time to the quarter hour, half hour, to 5 minute intervals and to the minute.	Hour hand Minute hand Second hand Analog clock Digital clock
Coins Bills Money tray Number chart Change chart	Money	How much is each coin or bill worth? What are the names of the coins and bills? How much money is this? How do you make change for a purchase?	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.	Dollar Quarter Dime Nickel Penny Skip count
Week 3	Measurement	How long is this in inches, centimeters, feet, millimeters, meters, miles, kilometers?	Student will measure using USA Standard and Metric measurements.	Inch, foot, yard, mile, centimeter, millimeter, meter, kilometer
	Geometry	What is this shape? Can you draw this shape?	Student will identify linear and 3 dimentional shapes as well as reproduce them.	Circle, oval, square, triangle, rectangle, rhombus, octagon, cube, cone, sphere, cylinder, pyramid rectangular prism
Week 4	Fractions	What is a fraction? How does it look? What are the parts?	The student will identify, construct and identify equivalent fractions.	Numerator, denominator, whole, part, mixed number

| 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. |

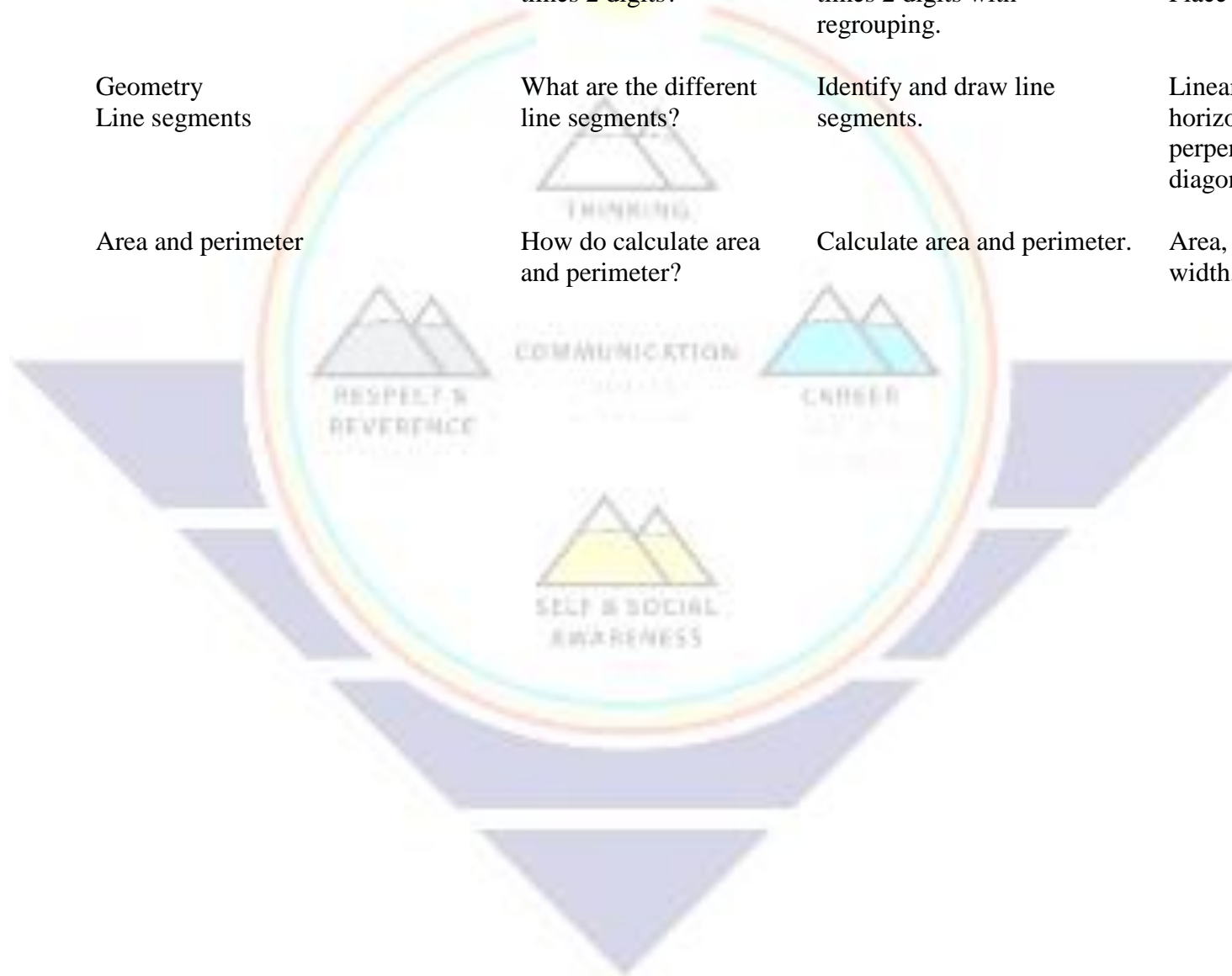| Second Quarter				
Week 1-9 **Graph paper** **Pop sticks**	Multiplying 2 times 2 digits	How do you multiply 2 times 2 digits?	The student will multiply 2 times 2 digits with regrouping.	Place value Place holder
	Geometry Line segments	What are the different line segments?	Identify and draw line segments.	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