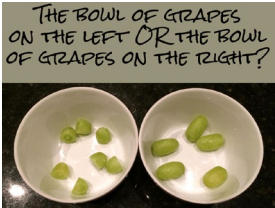# Math Choice Board

1st – 4th Grade
Summer

	NUMBER AND OPERATIONS IN BASE TEN/FRACTIONS	OPERATIONS & ALGEBRAIC THINKING	MEASUREMENT & DATA	GEOMETRY
Level 1 (1st grade)	Put an ice cube on the sidewalk or a plate on a hot day. Count by 2's until it melts. Did you count to more or less than 100? Why did it melt?	Ask 5 people their phone numbers. Add the digits of each phone number together. Whose phone number has the highest value? Show your work.	Use a straw to blow a marble, bottle cap and pencil, or 3 similar objects, across a table. Measure the distance traveled using inches or centimeters. Which goes the farthest? By how much? Why do you think they went different distances?	3D shapes include cylinders, cubes, spheres, cones, and pyramids. Use play-dough, dirt, sticks, paper, etc. to make two or more of the shapes. Can you put two shapes together to make a new shape?
Level 2 (2nd grade)	Write down the year each person in your house was born. Order the numbers from least to greatest.	Find many different coins. Sort the coins into groups of the same kind. What is the value of each group?	Find a place outside where you can observe creatures. Watch for 10 minutes. Record what you see. Create a bar graph to show what you discover. *Example: 2 cats, 5 dogs, 1 bird, 4 bugs*	Fold a piece of paper in half 2 times. Open it. How many rectangles? Now fold it in half again. How many rectangles? Fold it again. How many rectangles? Predict how many rectangles you'd have if you folded it once more.
Level 3 (3rd grade)	Plan a meal for your family or friend. Find recipes with fractions in the ingredient list. With an adult make the meal/recipe.	Gather 3 store receipts. Find the total amount that was spent.	Which one doesn't belong? Why? wodb.ca	Have a scavenger hunt to find different shapes with the same number of sides. How are they the same or different?
Level 4 (4th grade)	Would You Rather? Explain why. THE BOWL OF GRAPES ON THE LEFT OR THE BOWL OF GRAPES ON THE RIGHT? www.wouldyourathermath.com/	Make the largest and smallest numbers you can using the digits: 4, 1, 7, 8, and 2. Find the difference and sum of these two numbers.	Create a "guess the measurement" game. In the game players will need to estimate and measure the lengths of certain items. Be creative designing your game.	Take a walk outside. Identify, record and classify angles: acute (less than 90°) obtuse (greater than 90°), right (90°) in everyday things (buildings, bridges, furniture…).