

# Loving Math through Literature K-2 Syllabus

Date	Book	Concept	Application	Materials Needed
27-Jan	More M&Ms Math	multiplication, division, graphing	Students will estimate, sort and graph M&Ms. We will play Multiplication Quizmo.	M&Ms, graphing sheets (A-Z teacher stuff), Multiplication Quizmo
3-Feb	How Much Is a Million?	numeration	Students will play a game called "Could Be" to practice big numbers.	"Could Be" cards
10-Feb	Sweethearts Math Magic	addition, subtraction, graphing	Students will use sweetheart candies to sort and compare. Then they will create pie graphs with their candies.	Sweethearts candy, pink cardstock, rulers, crayons
17-Feb	Shape Up!	polygons, lines	Students will use food manipulatives to explore polygons of all kinds.	pretzel sticks, cheese slices, bread, paper plates, knives, paper
24-Feb	Alexander Who Used to Be Rich Last Sunday	money, probability	Students will figure the probability that a coin will land the same if thrown six times.	6 pennies/student
3-Mar	Hershey's Weights & Measures	measurement (mostly liquid)	Students will learn about several types of measurement, then they will create "Gallon Man" to compare gallons to quarts, pints and cups.	gallon, quart, pint and cup materials, 4 square sheets paper/child, crayons
10-Mar	Me Counting Time	time, calendars, algebra	Students will learn a fun math stumper to use with a calendar.	March calendars, instructions for calendar stumper
24-Mar	Hershey's Fraction Book	recognizing & naming fractions	Students will use candy bars to see the parts of a whole as well as working on equivalent and reducing fractions by playing "I Have, Who Has?"	Hershey's candy bars, "I Have, Who Has" cards

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31-Mar	Racing Around	perimeter	Students will learn perimeter and then will create their own tracks and find the perimeter (if weather permits we'll do this outdoors).	colored paper, crayons
7-Apr	Sir Cumference and the Dragon of Pi	circumference, diameter, radius	Students will use string to create a "round table" and compare that string to the diameter and radius.	string, cardstock, glue
14-Apr	If You Hopped Like a Frog	estimation, linear measurement	Students will estimate far they can jump, will record and actual jump and then we'll graph as a class.	game movers (1/child), rulers, tape measurer
21-Apr	Fun Day!!!		Students will decide if there are activities they'd like to repeat or we'll play games.	