

## MAS 2009 MANIPULATIVES AND SUPPLIES

<b>GRADES K-1</b>	<b>MANIPULATIVES</b>	<b>Unit 1</b>	<b>Unit 2</b>	<b>Unit 3</b>	<b>Unit 4</b>	<b>Unit 5</b>	<b>Unit 6</b>
	Unifix cubes (box of 1,000)	✓	✓			✓	✓
	1 Bean bag apple or other soft apple such as a stress ball	✓					
	Dice, 1 pair per student + dice to take home	✓	✓	✓	✓		
	Counters, 12 per student (cubes, fruit counters, buttons – just need 6 each of 2 different colors)	✓			✓		
	Primary Bucket Balances ( 1 per group of 4, if possible)	✓	✓	✓			
	Pennies (use real ones, please)	✓	✓	✓	✓	✓	✓
	Nickels, dimes, quarters (can be plastic)	✓	✓	✓	✓	✓	✓
	Number tiles or number cards (0-20) set per student		✓	✓			
	Play dollars (20 per student + demo)			✓			
	Capacity Set				✓		✓
	Empty, clean food cans to measure capacity (labels on)				✓		
	Venn Diagram				✓		
<b>GRADES K-1</b>	<b>SUPPLIES and MATERIALS</b>	<b>Unit 1</b>	<b>Unit 2</b>	<b>Unit 3</b>	<b>Unit 4</b>	<b>Unit 5</b>	<b>Unit 6</b>
	Class Calendar	✓	✓	✓	✓	✓	✓
	Straws (for counting)	✓	✓	✓	✓	✓	✓
	Rubber bands (for banding in groups of 10)	✓	✓	✓	✓	✓	✓
	FOOD – Apples (5 varieties in the following amounts, 10, 6, 5, 4, 3)	✓					
	Apples for Snack Fractions (1 per student pair + demo)	✓					
	Apple muffins (1 per student pair + demo)	✓					
	Apple empanada or fried pie (1 per pair + demo)	✓					
	Paper dessert plates ( 1 per student + demo)	✓	✓	✓	✓	✓	✓
	Paper towels	✓	✓	✓	✓	✓	✓
	Large basket to hold about 30 apples (1 for teacher)	✓					
	Small basket to hold 12 counters such as a strawberry basket from the store (1 per student)	✓					
	Plastic knives (1 per student pair + demo)	✓	✓	✓	✓	✓	✓
	3” x 5” cards (optional home enrichment in Unit 2)	✓	✓				
	Sentence strips	✓	✓	✓	✓	✓	✓
	Crayons	✓	✓	✓	✓	✓	✓
	ZipLoc or other sealing bags	✓	✓	✓	✓	✓	✓
	Ribbon – 12” piece or longer per student	✓					
	Scissors	✓			✓	✓	✓
	Suitcase (demo)		✓				
	FOOD Variety of fruit and seeded vegetables in bowl		✓				
	1 Tangerine per student (snack fractions)		✓				
	1 Bunch of grapes per partners (snack fractions)		✓				
	1 Banana per partners (snack fractions)		✓				
	Chart paper		✓				
	Markers	✓	✓	✓	✓	✓	✓
	Plastic Easter Eggs (13)		✓				

## MAS 2009 MANIPULATIVES AND SUPPLIES

Lima beans (exactly 78 per partner in a bag)		✓				
US Road map (1 for class)		✓				
Griddle and spatula (snack fractions)			✓			
Candy corn for game markers			✓			
Tamales, 2 per student pair (snack fractions)			✓			
Cornbread or corn muffins – 3 pieces per partner (snack fractions)			✓			
1 Swiss army knife or equivalent			✓			
Paper strips – half inch by 2”			✓			
Glue sticks			✓			
Newsprint			✓			
Tubs of beans or rice for measuring capacity				✓		
Carrots				✓		
Roasted peanuts				✓		
Gummy worms				✓		
8 Carrot sticks per pair				✓		
Ranch dressing in portion cups, 2 per pair				✓		
Whole, in-the-shell roasted peanuts (12 per student)				✓		
Celery cut into 3-inch pieces (2 pieces per student)				✓		
Peanut butter in portion cups (1 little cup per student)				✓		
Raisins (6 per student)				✓		
Large cheap white paper plates, 4 or 5 per student				✓		
ZipLoc bags to send home supplies	✓	✓	✓	✓	✓	✓
Orange markers or crayons				✓		
Food circulars				✓		
1 Stuffed bunny as a character “helper” in the room				✓		
Mini Eggrolls (6)					✓	
Dipping Sauce					✓	
Biscochitos (cookies) (3)					✓	
Large tortilla for a burrito					✓	
Peanut butter					✓	
Crackers (round) (2 per student)						✓
Large Marshmallows (1 per student)						✓
Mini Chocolate Morsels (2 per student)						✓
Pretzel sticks (8 per student)						✓
Cream Cheese						✓
Raisins						✓
Cupcakes (1 per student)						✓
White frosting						✓
Shoestring Licorice Pieces (8 per student)						✓
Gumdrops (1 per student)						✓

GRADES K-1  
MANIPULATIVES,  
SUPPLIES and MATERIALS

## MAS 2009 MANIPULATIVES AND SUPPLIES

<b>GRADES 2-3</b>	<b>MANIPULATIVES</b>	<b>Unit 1</b>	<b>Unit 2</b>	<b>Unit 3</b>	<b>Unit 4</b>	<b>Unit 5</b>	<b>Unit 6</b>
	“shimmering” stones (accent marbles, metallic for aquarium)	✓					
	Wrap Ups for Addition and Subtraction	✓	✓	✓	✓	✓	✓
	Capacity measuring – cups, pints, quarts, half gallons, gallons, measuring cups	✓					
	Analog Clock	✓	✓	✓	✓	✓	✓
	Thermometer	✓	✓	✓	✓	✓	✓
	Wrap Ups, Multiplication and Division			✓	✓	✓	✓
	Linear measurement – tape measures, yardsticks, rulers		✓	✓		✓	
	Base ten blocks (1 flat, 16 longs 16 units per student)		✓				
	Cotton balls (13 per student)		✓				
	Dice, 2 colors (4 dice per partners)			✓	✓		
	Dominoes			✓		✓	✓
	Color tiles			✓	✓	✓	✓
	Inch cubes			✓			
	Lima or pinto beans for home game			✓	✓		
	Counters (36 per student)				✓		
	FAST Facts (all operations)				✓		
	Inch Grid paper				✓	✓	
	Primary Balance					✓	
	Stuffed animals (2 per group of 4)					✓	
	CM grid paper						✓
<b>GRADES 2-3</b>	<b>SUPPLIES and MATERIALS</b>	<b>Unit 1</b>	<b>Unit 2</b>	<b>Unit 3</b>	<b>Unit 4</b>	<b>Unit 5</b>	<b>Unit 6</b>
	Class Calendar	✓	✓	✓	✓	✓	✓
	Straws (for counting)	✓	✓	✓	✓	✓	✓
	Rubber bands (for banding in groups of 10)	✓	✓	✓	✓	✓	✓
	<a href="http://www.amazon.com/Regalo-del-Alma-Celia-Cruz/dp/B0000AGWIJ">http://www.amazon.com/Regalo-del-Alma-Celia-Cruz/dp/B0000AGWIJ</a> selected music by Celia Cruz (you can purchase individual songs for \$0.99)	✓					
	Samples of art and art prints from the Internet for O’Keefe, Frida Kahlo, National Geographic photographs, perhaps fabric designs	✓	✓	✓	✓	✓	✓
	Sentence strips	✓	✓	✓	✓	✓	
	Newsprint or manila paper	✓				✓	
	Markers or crayons	✓	✓	✓	✓	✓	
	Scissors	✓				✓	
	Tape	✓	✓	✓	✓	✓	✓
	Glue sticks	✓					
	FOOD: Banana	✓					
	Peanut butter dip (optional)	✓					
	Refried beans (1 cup per 2 students)	✓					
	Cheese, tortillas (optional) (1 per student)	✓					
	Spanish Rice (2 cups per 2 students)	✓					

## MAS 2009 MANIPULATIVES AND SUPPLIES

Dessert plates (snack fractions)	✓	✓	✓	✓	✓	✓
Plastic knife (snack fractions)	✓	✓	✓	✓	✓	✓
FOOD: Chips and salsa		✓				
Jerky (2 large pieces per 4 students)		✓				
Medium pizza (1 per 2 students)		✓				
Tempera paints, brushes, water		✓				
Art paper		✓				
Large silk or plastic flowers		✓				
Huge sunflower		✓				
Dixie Cups		✓				
Food: per 2 students			✓			
1 Large avocado			✓			
1/4 Lime			✓			
1/2 Cup Pace Salsa			✓			
1/2 Teaspoon minced garlic			✓			
5 Empanadas			✓			
5 Churros (or other bread-type snack)			✓			
40 Chips			✓			
Large mixing bowl			✓			
Fork to mash avocado			✓			
White liquid glue				✓		
Black yarn				✓		
Colorful paper				✓		
Cardstock				✓		
Mexican sweet bread (1 per student)				✓		
Loaf of bread				✓		
Honey				✓		
Pork rinds (24 per 3-4 students)				✓		
12" x 18" paper for posters				✓	✓	✓
Paper clips – for spinner arrow				✓		
Paper towels or old socks for erasers				✓		
Black or dark crayons				✓	✓	✓
Recording of Claire de Lune (or other gentle classical)					✓	
Adding machine tape					✓	
Cotton balls					✓	
1 Baggie with 1cup mixed peanuts					✓	
1 Baggie with 1/2 cup raisins					✓	
Biscuits					✓	
Butter					✓	
Jelly					✓	
Dog biscuits					✓	
1 Baggie with 1 cup candy covered chocolate candies (Like MMs)					✓	
Tangerine (samples for graph)					✓	
Pineapple (samples for graph)					✓	

## MAS 2009 MANIPULATIVES AND SUPPLIES

Grapes (samples for graph)					✓	
Melon (samples for graph)					✓	
1 Cup grapes (per 4 students)					✓	
2 Tangerines (per 4 students)					✓	
1 Cup canned pineapple chunks (per 4 students)					✓	
1 Cup honey dew melon cubes (per 4 students)					✓	
12" x 2" Strips of construction paper (light colors)					✓	
Star stickers					✓	
Round snack crackers						✓
Slices of cheese						✓
4 Pieces of bread (per 2 students)						✓
1/3 Cup of peanut butter (per 2 students)						✓
1/4 Cup of grape jelly (per 2 students)						✓
2 Giant green gum drops per partners						✓
4 White chocolate chips (per 2 students)						✓
2 Unfrosted cupcakes (1 per student)						✓
1/4 Cup of light green frosting (per student)						✓
Disney website <a href="http://familyfun.go.com/recipes/">http://familyfun.go.com/recipes/</a>						✓

GRADES 2-3  
MANIPULATIVES,  
SUPPLIES and MATERIALS

## MAS 2009 MANIPULATIVES AND SUPPLIES

<b>GRADES 4-5</b>	<b>MANIPULATIVES</b>	<b>Unit 1</b>	<b>Unit 2</b>	<b>Unit 3</b>	<b>Unit 4</b>	<b>Unit 5</b>	<b>Unit 6</b>
	Wrap Ups, Multiplication and Division	✓	✓	✓	✓	✓	✓
	Rulers	✓					
	Containers to measure capacity (5 per group of 4)	✓					
	Tubs of beans or rice	✓					
	1 Cup measuring cups	✓					
	2 Cup measuring cups	✓					
	Base ten blocks		✓				
	Clever Catch		✓			✓	
	Fraction Math Balances		✓				
	Student timers or stop watches			✓			
	Measuring tape, or trundle wheel			✓	✓		
	FAST Facts computer program			✓			✓
	Dominoes			✓	✓		
	Pyramid Flash Cards				✓		

<b>GRADES 4-5</b>	<b>SUPPLIES and MATERIALS</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
	Fast Facts, Source Enterprises	✓	✓	✓	✓	✓	✓
	Wall map of Mexico	✓	✓				
	Pictures of great people including Diego <a href="http://www.notablebiographies.com/Pu-Ro/Rivera-Diego.htm">http://www.notablebiographies.com/Pu-Ro/Rivera-Diego.htm</a> , Frida, <a href="http://www.allposters.com/gallery.asp?aid=470111166&amp;c=c&amp;search=30979&amp;DestType=12&amp;Referrer%20=http://search.aol.com/aol/search?s_it=topsearchbox.search&amp;query=photos+of+Frida+Kahlo&amp;KWID=13310671&amp;KEYWORD=Pictures+of+Frida+Kahlo&amp;SEM=lang%3D1%26c%3Dc%26search%3D30979%26AID%3D470111166%26KWID%3D13310671%26Keyword%3DPictures%2Bof%2BFrida%2BKahlo">http://www.allposters.com/gallery.asp?aid=470111166&amp;c=c&amp;search=30979&amp;DestType=12&amp;Referrer%20=http://search.aol.com/aol/search?s_it=topsearchbox.search&amp;query=photos+of+Frida+Kahlo&amp;KWID=13310671&amp;KEYWORD=Pictures+of+Frida+Kahlo&amp;SEM=lang%3D1%26c%3Dc%26search%3D30979%26AID%3D470111166%26KWID%3D13310671%26Keyword%3DPictures%2Bof%2BFrida%2BKahlo</a> A-Rod, <a href="http://search.aol.com/aol/image?s_it=topsearchbox.image&amp;imgsz=&amp;query=photos+of+A-Rod">http://search.aol.com/aol/image?s_it=topsearchbox.image&amp;imgsz=&amp;query=photos+of+A-Rod</a> King Arthur <a href="http://search.aol.com/aol/image?invocationType=rboxImgDtls&amp;query=pictures%20of%20King%20Arthur&amp;icid=snap-pic&amp;flv=1">http://search.aol.com/aol/image?invocationType=rboxImgDtls&amp;query=pictures%20of%20King%20Arthur&amp;icid=snap-pic&amp;flv=1</a> Wilma, <a href="http://search.aol.com/aol/image?s_it=topsearchbox.image&amp;imgsz=&amp;query=photos+of+Wilma+Rudolph">http://search.aol.com/aol/image?s_it=topsearchbox.image&amp;imgsz=&amp;query=photos+of+Wilma+Rudolph</a> and an ant (not a person, a real ant) <a href="http://search.aol.com/aol/image?s_it=topsearchbox.image&amp;imgsz=&amp;query=photo+close+ups+of+ants">http://search.aol.com/aol/image?s_it=topsearchbox.image&amp;imgsz=&amp;query=photo+close+ups+of+ants</a>	✓	✓	✓	✓	✓	✓
	Photographs of examples of Diego's murals <a href="http://search.aol.com/aol/image?invocationType=rboxImgDtls&amp;query=photos%20of%20Jose%20Diego%20Rivera's%20murals&amp;icid=snap-pic&amp;flv=1">http://search.aol.com/aol/image?invocationType=rboxImgDtls&amp;query=photos%20of%20Jose%20Diego%20Rivera's%20murals&amp;icid=snap-pic&amp;flv=1</a>	✓					
	Dry ice or vaporizer (to make "vapors")	✓					
	Map pins	✓					
	Fresh herbs	✓					
	Tape	✓					

## MAS 2009 MANIPULATIVES AND SUPPLIES

8.5" x 11" paper	✓					
Food item: Churros (or other 12" long snack)	✓					
Small paper plates	✓	✓				
Plastic knives	✓	✓				
Water color brushes	✓	✓				
Water colors	✓	✓				
8.5" x 11" paper	✓					
12" x 18" paper	✓		✓			
2' x 3' paper	✓					
Scissors		✓				
Glue sticks	✓	✓				
Food items: bread, peanut butter, jelly		✓				
Sentence strips	✓	✓	✓	✓	✓	✓
Post-It-Notes			✓			
3" x 5" cards (9 per student)			✓			
Food items: 2 energy bars per 3 students			✓			
Baseball				✓		
Bat				✓		
Some type of T-ball device to hold ball in the strike zone				✓		
5 Cups popcorn for 2 people (optional)				✓		
36 oz cold drink for 2 people (optional)				✓		
Celery (optional)					✓	
Peanut Butter (optional)					✓	
Raisins (optional)					✓	
Chocolate frosting (optional)					✓	
Graham Crackers (optional) (3 per student)					✓	
Pineapple Juice (optional) (1/2 cup per student)					✓	
Orange Juice (optional) (1/2 cup per student)					✓	
Soda (sparkling water) (1/4 cup per student)					✓	
Hershey's Kisses or other individual chocolate candy (2 per student and to fill a jar)					✓	

GRADES 4-5  
MANIPULATIVES,  
SUPPLIES and MATERIALS

## MAS 2009 MANIPULATIVES AND SUPPLIES

<b>GRADES 6-8</b>	<b>MANIPULATIVES</b>	<b>Unit 1</b>	<b>Unit 2</b>	<b>Unit 3</b>	<b>Unit 4</b>	<b>Unit 5</b>	<b>Unit 6</b>
	Rulers	✓			✓		
	Graphing calculators	✓					
	Fraction math balance		✓				
	Measuring cups		✓				
	Equivalency Flip Classroom Set			✓			
	Dominoes (1 set per team)			✓			
	4-function calculators			✓	✓		
	Overhead dominoes			✓			
	Trundle Wheel				✓		
	Meter sticks				✓		
<b>GRADES 6-8</b>	<b>SUPPLIES</b>	<b>Unit 1</b>	<b>Unit 2</b>	<b>Unit 3</b>	<b>Unit 4</b>	<b>Unit 5</b>	<b>Unit 6</b>
	Boxes to cut apart for nets	✓					
	Scissors	✓	✓	✓			
	Chart paper	✓			✓		
	Markers	✓					
	Bread	✓	✓				✓
	Jam	✓	✓				✓
	Magazines with colorful pictures		✓	✓			
	Paper towels/napkins	✓	✓	✓	✓	✓	✓
	Paper plates/bowls	✓	✓	✓	✓	✓	✓
	Plastic knives, spoons, forks	✓	✓	✓	✓	✓	✓
	Berries		✓				
	Peanut Butter		✓				✓
	Glue sticks		✓				
	Dictionaries		✓		✓		
	Bowl of Cherries (for class snack) optional			✓			
	Tootsie Rolls (10 "logs" for game per team)			✓			
	Greek food chosen from BLM list				✓		
	Banana pudding (optional)					✓	
	Popcorn balls (optional)						✓
	Animal Crackers (optional)						✓
	Canned tuna (optional)						✓
	Banana splits (optional)						✓
	Potato chips (optional)						✓
	Oreos (optional)						✓
	Fritos (optional)						✓