

# *THE SANDY COHEN FAMILY MATH DAY*

## *A Conference for Parents & Children*

*April 17, 2010*

*Berner Middle School, Massapequa, NY*

Baldwin UFSD  
Bellmore UFSD  
Bethpage UFSD  
East Meadow UFSD  
East Rockaway UFSD  
East Williston UFSD  
Farmingdale UFSD  
Freeport UFSD



Malverne UFSD  
Manhasset UFSD  
Massapequa UFSD  
Merrick UFSD  
Mineola UFSD  
Plainview-Old Bethpage CSD  
Uniondale UFSD

Presented by Nassau County Mathematics Teachers' Association and  
Nassau County Association of Mathematics Supervisors  
with the support of the sponsoring districts

RoseLinda Ricca  
275 North Delaware Avenue  
North Massapequa, NY 11758

# REGISTRATION FORM

## SANDY COHEN FAMILY MATH DAY

Berner Middle School, Massapequa, New York

A PARENT/CHILD EXPERIENCE  
SATURDAY APRIL 17, 2010

Check # _____
Amount \$ _____

A child may be accompanied by one or two adults or an adult may be accompanied by one or two children. Use one column to register 1 or 2 children with 1 or 2 adults who will attend the same workshops. Complete the other column if you are registering another child and adult at a different grade level.

Registration fee is \$35.00 for one **FAMILY** group of up to 5 people. A check **and a self-addressed stamped envelope** must accompany the registration form. There will be a \$5.00 registration fee for each additional person.

**Enrollment is limited to 15 families per workshop & will be filled on a first-come, first-served basis.**

GRADE LEVEL (CIRCLE ONE)	K	1	2	3	4	5/6
<b>CHILD 1</b>	_____		_____			
	LAST	FIRST				
<b>CHILD 2</b>	_____		_____			
	LAST	FIRST				
<b>ADULT 1</b>	_____		_____			
	LAST	FIRST				
<b>ADULT 2</b>	_____		_____			
	LAST	FIRST				
<b>ADDRESS</b>	_____					
	STREET					
	_____			_____		
	CITY/TOWN			ZIP		
<b>PHONE #</b>	_____					
<b>DISTRICT</b>	_____					

GRADE LEVEL (CIRCLE ONE)	K	1	2	3	4	5/6
<b>CHILD 1</b>	_____		_____			
	LAST	FIRST				
<b>CHILD 2</b>	_____		_____			
	LAST	FIRST				
<b>ADULT 1</b>	_____		_____			
	LAST	FIRST				
<b>ADULT 2</b>	_____		_____			
	LAST	FIRST				
<b>ADDRESS</b>	_____					
	STREET					
	_____			_____		
	CITY/TOWN			ZIP		
<b>PHONE #</b>	_____					
<b>DISTRICT</b>	_____					

WORKSHOPS YOU WOULD LIKE TO ATTEND  
(PLEASE SELECT THOSE AT YOUR GRADE LEVEL)  
*YOU MUST SELECT 8*

<b>CHOICE 1</b> _____	<b>CHOICE 5</b> _____
<b>CHOICE 2</b> _____	<b>CHOICE 6</b> _____
<b>CHOICE 3</b> _____	<b>CHOICE 7</b> _____
<b>CHOICE 4</b> _____	<b>CHOICE 8</b> _____

WORKSHOPS YOU WOULD LIKE TO ATTEND  
(PLEASE SELECT THOSE AT YOUR GRADE LEVEL)  
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<b>CHOICE 1</b> _____	<b>CHOICE 5</b> _____
<b>CHOICE 2</b> _____	<b>CHOICE 6</b> _____
<b>CHOICE 3</b> _____	<b>CHOICE 7</b> _____
<b>CHOICE 4</b> _____	<b>CHOICE 8</b> _____

Please make checks payable to **NCMTA** and return this form and a **self-addressed stamped envelope** immediately to:

FAMILY MATH DAY, ROSE RICCA, 275 NORTH DELAWARE AVE., N. MASSAPEQUA, NY 11758

*Questions?* Call 516-781-2400, 8 am to 3 pm.

Confirmation **will be sent** in the mail about three (3) weeks prior to Family Math Day.

All materials will be picked up on Saturday, April 17, at Berner Middle School.

# ***THE SANDY COHEN FAMILY MATH DAY 2010*** ***INSTRUCTIONS FOR PARTICIPANTS***

**PLEASE READ ALL INFORMATION CAREFULLY  
BEFORE FILLING OUT THE REGISTRATION FORM**

**(PLEASE SAVE THESE INSTRUCTIONS!!)**

The Sandy Cohen Family Math Day provides a day of excitement and adventure in mathematics for children in grades K-6 and their parents. Opportunities are provided for children to explore **with their parents** some of the wonders of the world of mathematics.

This year The Sandy Cohen Family Math Day will be held at **Berner Middle School**, Massapequa, on Saturday, **April 17, 2010**.

There are 101 workshops being offered for Family Math Day. Note that all workshops are listed by grade level (either K, 1, 2, 3, 4, or 5/6). You **MUST** register your child for his/her **CURRENT GRADE LEVEL**. **INFANTS AND PRESCHOOLERS WILL NOT BE ADMITTED TO FAMILY MATH DAY.**

- Please choose **EIGHT** (8) workshops at the appropriate grade level.
- Each parent/child group in grades 1 to 6 will attend three (3) workshops at the Conference.
- Kindergarten families will attend two (2) workshops and a special event.

Every attempt will be made to honor your choices. Please understand that with the large number of families attending, this is not always possible. We will close registration when the maximum number of participants that we can accommodate has been reached. Past experience shows this happens very quickly.

Due to circumstances beyond our control, it is sometimes necessary for a speaker to cancel after this program has been printed. Please understand if you are assigned to an alternate workshop.

The FEE for Family Math Day is **\$35** for each **FAMILY** of 2 to 5 people.

The cost for an additional person is \$5.

For example:

- A **FAMILY**, consisting of 2 parents, a 1st grader & a 4th grader, registers for one fee of \$35. Both columns of the registration form are filled out, one for the parent with the 1st grade child, registering for Grade 1 workshops and the other for the second parent with the 4th grade child, registering for Grade 4 workshops.
- One adult may accompany two children of the same grade.
- Children must be registered with an adult.

**A check and a self-addressed stamped envelope MUST accompany your registration form.**

**Very limited parking is available on school grounds.**

**Please allow time to park.**

**If possible, carpool with another family.**

***We hope that you will find the day rewarding and a fun filled family experience!***

When you arrive at Family Math Day:

- + Please pick up your participant folder at the registration desk in the Auditorium. Included will be your workshop assignments, a map of the building, last minute information, an evaluation, and a press release.
- + There will be 6 contests. Please allow enough time to participate.
- + Be sure to complete all contests and deliver your solutions to the contest tables by **9:10 AM**, as prizes are awarded for all correct answers.
- + Breakfast will be served in the cafeteria.
- + Committee members and student helpers will be on hand to assist you.

**THE SCHEDULE FOR THE DAY IS AS FOLLOWS:**

- 8:30 - 9:15 Registration, breakfast, door prizes, and contests
- 9:15 - 9:25 Proceed to the first session room and listen to announcements
- 9:25 - 10:15 Session 1
- 10:25 - 11:15 Session 2
- 11:15 - 11:25 **Remain in session 2 for snacks and announcements**
- 11:35 - 12:25 Session 3 or Kindergarten activities

**Registration: Auditorium**

**Breakfast: Cafeteria**

**Contests: Gym**

**Door Prizes: Hallway to the right of the gym**

**Kgn Activities: Gym**

**Book Store: Front Lobby**

Note that a map and directions to Berner Middle School will be sent to you **with your confirmation**. **PLEASE LOOK FOR AND SAVE THESE DIRECTIONS WHEN THEY ARRIVE.**

If you have a question, or if you have not received a confirmation of your registration or your check returned by April 1st, please call 516-781-2400.

To cancel please call (516)-781-2400 (8 am - 3 pm), email [familymath2010@aol.com](mailto:familymath2010@aol.com) or send a note to:  
The Sandy Cohen Family Math Day  
RoseLinda Ricca  
275 North Delaware Avenue  
N. Massapequa, NY 11758

**CANCELLATION POLICY: WE WILL RETURN YOUR REGISTRATION FEES IF YOU NOTIFY US BY APRIL 10TH. WE USUALLY HAVE A WAITING LIST OF FAMILIES WHO WERE CLOSED OUT.**

If there is a need to contact the site **on the day of the event**, the number is 516-308-5700 choose prompt 0. (This is the main phone number for the host school to be used **on the morning of the event only**. Personnel answering this phone on any other day will not have information about Family Math Day)

**IN CASE OF WEATHER EMERGENCY**, we will attempt to have a delayed start. If this is not possible and we must cancel, no refunds will be made, since expenses that were incurred for the day were paid prior to the event. Please listen to one of the following stations for information: WGBB 1290, WBLI 106.1 FM, WBAB 102.3 FM, WALK 97.5 FM, NEWS 12 LI, 1010 WINS.

## *KINDERGARTEN*

- (1) SPRING INTO MATH**  
**Presenter:** Kristen Agliardi, Nassau Community College  
Come join the fun as we do activities that get you in a springy mood. Sort, graph, count and play.
- (2) THE LAND OF THE SUMS**  
**Presenters:** Lauren Andrews and Jenn D’Albenzio, Bethpage Schools  
Come and join us as we journey through “sum” land. Students will be treated to a wonderful story about addition facts to 10 and will create their own “sum land” game. Partners will play the game to see who will become the King or Queen of “Sum Land”.
- (3) DIGGING UP DINOSAURS**  
**Presenter:** Kristin Burban, Malverne Schools  
Dinosaurs may be extinct, but they can liven up your kindergartener’s world of math.
- (4) WHAT SHAPE ARE YOU?**  
**Presenter:** Christine Cartmell-Moy, East Rockaway Schools  
Explore the many attributes of different shapes. We will read books about shapes, use various shapes to create patterns on a flannel board, and use play-dough to create fun shapes and complete a very special shape puzzle.
- (5) PATTERNS ON THE MOVE**  
**Presenter:** Deisha DeFelippis, Seaford Schools  
Learn how to make and recognize patterns. Explore the wonderful world of patterns. You’ll be amazed at the number of patterns in our world. We will explore awesome patterns, using everyday materials.
- (6) MAKING GREAT ESTIMATES**  
**Presenter:** Vanessa Holder, Malverne Schools  
We will estimate how many objects are in a jar and then count to find out. Then we will estimate how many dots will fit on objects and cover to see. Each family will leave with a special estimating book.
- (7) M & M MATH \***  
**Presenters:** Lisa Ingenito and Karen Ferraro, Massapequa Schools  
Children will be able to do simple addition and subtraction and sorting and graphing using yummy M&Ms.
- (8) EDIBLE MATH \***  
**Presenter:** Hye Sook Kang, Plainview/Old Bethpage Schools  
Children will explore various math concepts in three different math centers. They will read math-related literature with their parents; they will play math games; and they will make edible dominoes to take home.
- (9) FROM BOOK TO BOARD – MAKE IT AND TAKE IT**  
**Presenter:** Fran Kohn, East Rockaway Schools  
A book by any name can turn into a fun board game. We will read popular children’s stories and make a simple math board game. Parents and children will work together to create a fun take-home game.

**(10) LET'S CREATE AND WRITE USING PATTERN BLOCKS**

**Presenter:** Susan Murphy, Massapequa Schools

Pattern blocks fit together to make intriguing and beautiful patterns and designs. Children will be creative and design objects using pattern blocks. Once they have created an object, the children will dictate a short story about their design.

**(11) THE BEACH AND MATH ... PERFECT TOGETHER**

**Presenter:** Cindi Nichols, Commack Schools

Come and enjoy the beach early this year. Math skills can be reinforced even at the beach. Come play with us!

**(12) D IS FOR DATA**

**Presenter:** Erica Pryor, Malverne Schools

It's time for some unusual surveys. We will gather some data and make some interesting graphs. Have fun with what we discover.

**(13) EVERYTHING'S COMING UP 10**

**Presenter:** Maria Scognamiglio-Higuera, Manhasset Schools

Using 10 Black Dots as a literature connection, we will play games which deal with the number 10. Games include Teddy Bear Race to 10, Turn Over 10, Concentration, & 10's Go Fish.

**(14) BELIEVE IT OR NOT...**

**Presenter:** Carol Stoger, Oceanside Schools

Come be an explorer of possibilities. What seems likely is not always so. Learn to understand the odds.

**(15) MAKING THE CONNECTION – BOOKS YOU CAN COUNT ON**

**Presenter:** Amanda Yansick and Jeanne Cano, Bethpage Schools

Enjoy a playful romp through math and literature. Have a fun-filled time with your kindergarten child discovering “books you can count on”.



Please note \* Workshop may include food

## *GRADE 1*

**(16) WHAT'S THE SCOOP? MATH AND ICE CREAM \***

**Presenter:** Annie Bastien, Huntington Schools

We will create an ice cream menu of combinations using Stuart Murphy's book, Sundae Scoop. We will also make ice cream and taste the flavor combinations from our menu.

**(17) GAMES GAMES GAMES**

**Presenter:** Audrey Bellovin, Garden City Schools

Play games with dice and cards to help children practice skills. Children will have so much fun they won't even know they are learning!

**(18) TEDDY BEAR MATH**

**Presenter:** Joyce Bernstein, East Williston Schools

Bring your teddy bear to Family Math Day. We'll measure, compare, compute, and problem solve with our friendly teddy bears. You and your teddy bear will have lots of fun.

**(19) ANIMAL CRACKERS \***

**Presenters:** Allie Chervin and Jacquelyn O'Connor, East Williston Schools

In this workshop, students will explore the contents of a box of animal crackers. As we discuss our findings, students will practice estimating, sorting, counting, and graphing skills.

**(20) WHERE IS THE MATH IN CHILDREN'S GAMES?**

**Presenter:** Corine Cortes, Valley Stream #13 Schools

Explore important mathematical concepts while playing familiar childhood games, with a mathematical twist. These simple card games can be played at home or on the go. We'll also explore some childhood board games and the math associated with them. Each child will take home a set of cards and instructions for each game.

**(21) NUMBERS NUMBERS EVERYWHERE**

**Presenter:** Samantha Fandacone, Massapequa Schools

Games can be the foundation of a great deal of mathematics learning. We will be using number lines to "jump" while adding and subtracting, and guessing "secret" numbers to compare numbers (less than/greater than). We will also play Number Name Concentration, which will include each child taking home his/her own set of cards to use at home.

**(22) FIRST GRADE MATH GAMES**

**Presenter:** Andrea Fassensfeld, Manhasset Schools

We will play math games which reinforce key first grade math skills including money, addition, subtraction, and place value.

**(23) FAMILY MATH DAY GARDENS**

**Presenter:** Laura Forsyth, Malverne Schools

How does your garden grow? First grade gardeners will use PC software to add, subtract and group spring flowers while learning how to manipulate computer images. Look, mom, no gloves needed!

**(24) GAMES OF SKILL AND CHANCE**

**Presenter:** Joan Giannone, Massapequa Schools

Practicing addition and subtraction facts was never so much fun!! In this workshop students will play card, board, and ball games while building basic computation skills. Participants will be given materials to play the games at home.

**(25) PATTERN BLOCK PANDIMONIUM**

**Presenter:** Suzanne Golder, Malverne Schools

**Have fun with geometry playing with pattern blocks. Make shapes and create pictures. Use logical thinking to create bigger shapes from smaller shapes. Learn how shapes are related to each other. This is a make it and take it workshop.**

**(26) FUN WITH GLYPHS \***

**Presenter:** Doris Hicks, Malverne Schools

**Wondering what a glyph is? Come to this exciting workshop to find out and make a glyph of your own.**

**(27) CAN YOU FIGURE IT OUT**

**Presenter:** Candice Kaplan, Seaford Schools

**Come be a super sleuth! Solve problems in a fun way. Challenge your family with a set of problems you'll take home.**

**(28) MEET THE VERY HUNGRY CATERPILLAR**

**Presenter:** Victoria Keller, Uniondale Schools

**Enjoy listening to Eric Carle's *The Very Hungry Caterpillar*. Then have fun making caterpillars and looking at a variety of patterns.**

**(29) BIRTHDAY PARTY MATH \***

**Presenters:** Mary Ann Mansfield, Carle Place Schools, retired, and Kelsie Cohen, Hauppauge Children will learn to sort, graph, and develop number sense and operations by playing popular birthday party games.

**(30) LET'S TAKE A CHANCE**

**Presenter:** Eric O'Brien, Bellmore Schools

**Explore your chances while playing with dice, coins and spinners. You'll probably find your possibilities are endless. Leave with some games you can play at home.**

**(31) Mm . . .Mm . . . GOOD MATH INVESTIGATIONS \***

**Presenters:** Abby Radwin, Malverne Schools (retired) and Jennifer Toti, Our World Neighborhood Charter School

**Use M & M candies to sort, count, graph, problem solve and make comparisons.**

**(32) GOT A MINUTE?**

**Presenter:** Mia Ramirez, North Shore Schools

**This workshop will focus on time. Just how long is a minute? Have you met the Grouchy Ladybug? Come spend some time in this workshop.**

**(33) THINK MATH**

**Presenter:** Denise Weinberg, Massapequa Schools

**Looking for fun and exciting games to play with your children at home? Come and learn interactive math games that coincide with daily math skills using the "Think Math" program.**

**(34) HAVING FUN WITH DATA**

**Presenter:** Liza Womack, Merrick Schools

**It's time for some surveys. After gathering the data, graphs will be made. Then it's time to talk about the results.**

**Please note \* Workshop may include food**

## GRADE 2

**(35) THE GREATEST GAME**

**Presenter:** Barbara Allaire, Malverne Schools

Learn one of the greatest games, while you read, write and compare great big numbers.

**(36) ROLL WITH IT!**

**Presenter:** Jennifer Baribault, Shoreham Wading River School

Come join us for fun and interactive games using dice. We will play addition and subtraction games. Play these games at home with your family and show them the math skills you learned here.

**(37) BUST OUT WITH BEANIE BABIES**

**Presenter:** Jeanne Bouza Rose, East Williston Schools

Explore all the possibilities of sorting, classifying and identifying the attributes found in beanies. Discover what a dichotomous key means.

**(38) PIG OUT ON MATH \***

**Presenters:** Kelsie Cohen, Sandy Cohen's protégé and Howard Cohen, Computer Consultant

Based on the story *Pigs Will Be Pigs*, by Amy Axelrod, this workshop will come alive with math and money games.

**(39) FUN WITH CALCULATORS**

**Presenter:** Jennifer Cottone, Great Neck Schools

Join us as we use calculators to do a variety of activities and make interesting discoveries. Calculators are NOT just for getting answers.

**(40) MEASURING WITH FRUIT LOOPS (AND MORE!) \***

**Presenter:** Mary DeLeonardis, Wyandanch Schools

We will practice linear measurement using all kinds of objects and we will even use a ruler!

**(41) BE CREATIVE WITH "SUM" CRAFTS**

**Presenters:** Mary Doheny and Kelly Beleckas, Long Beach Schools

Make your own flower petals using your creativity stimulated by a story. Play an addition and subtraction game using your petals. The person with the most petals wins.

**(42) MATH-A-MATIC DINER \***

**Presenters:** Nancy Golden, Alana Hite and Karen Koppelman, Merrick Schools

Come eat and play at our diner while you practice adding, subtracting, multiplying and logical thinking. We'll feed your mind (and maybe your belly) and you'll even go home with some fun activities to play with your family. So come join us at the Math-a-Matic Diner!!

**(43) HAVE YOU READ ANY GOOD MATH LATELY?**

**Presenter:** Kristen Lees, Valley Stream District #13 Schools

Reading and math are a perfect pair. We will enjoy a book or two and have fun doing some math activities related to the stories read. Enjoyment guaranteed.

**(44) YUMMY TUMMY GEOMETRY \***

**Presenter:** Lynn Marks, Wyandanch Schools

Children will be able to identify solid shapes, faces, edges and vertices while experiencing the fun of building their geometric shapes.

**(45) BOXES, BOXES, BOXES**

**Presenter:** Nicholas Restivo, Long Beach Schools

Use recycled greeting cards to make multi-use boxes. You will discover geometric properties of quadrilaterals and a whole lot more.

**(46) DYNAMIC DOMINOES**

**Presenter:** Neil Sklar, Valley Stream District 13 Schools

Explore important mathematical concepts with colorful dominoes. Use them to compute while you play games and solve fun puzzles. Ideas you can bring home!

**(47) MONEY IS FUN**

**Presenter:** Katie Smyth, Malverne Schools

Learn and play some fun games with money, using a gameboard and money dice to combine coins and win! You will leave with some fun games to play at home.

**(48) AWESOME ALGEBRA: LOOKING FOR PATTERNS AND GENERALIZATIONS**

**Presenter:** Janine Torresson, Hewlett/Woodmere Schools

We do not usually think of algebra as a topic for the elementary mathematics classroom, but looking for patterns, extending a pattern, making a generalization about a pattern – all are part of algebraic thinking. Let's play some games and see what algebraic thinking we can do!

**(49) DEAL OUT SOME MATH**

**Presenter:** Carole Vacchiano, Wyandanch Schools (retired)

Have fun and sharpen math skills at the same time. Use cards to put our skills to work. A make and take activity is included.

**(50) LET'S MAKE SENSE OUT OF CENTS**

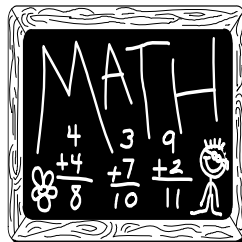
**Presenter:** Claire Wiener, Manhasset Schools

Literature, games, and riddles will be presented to familiarize students with coin values, coin combinations, and making change.

**(51) ESTIMATION DESTINATION \***

**Presenters:** Donna Zee and Denise Cosme, Uniondale Schools

How many? How big? How good are your guesses? Join us for some activities to find out if you are a good guesser.



Please note \* Workshop may include food

**GRADE 3**

**(52) MUNCHABLE MATH \***

**Presenter: Randi Albertelli, Consultant**

**Did you know that some candies have secret mathematical ingredients mixed up inside them? Give your brain some food for thought and join us as we munch away at math.**

**(53) GAMES PEOPLE PLAY**

**Presenter: Mary Altieri, Putnam/Northern Westchester BOCES**

**Play your way to better mathematical thinking while having fun at the same time. Play with friends or parents. Be a winner!**

**(54) JOIN THE METRIC OLYMPICS**

**Presenter: Dina Baccoli, Plainview/Old Bethpage Schools**

**Put your athletic ability and math skills to the test. Learn to master and understand the metric system through tossing, jumping and doing other fun activities.**

**(55) BE A MULTIPLICATION WIZ**

**Presenter: Helene Berk, Massapequa Schools**

**Let's have fun practicing multiplication. Test your skills and roll the dice. There are several activities for you to use with family and friends.**

**(56) WHATS YOUR PROBLEM?**

**Presenter: Liz Bingham, St. Rose of Lima, Massapequa**

**Let's have some fun, play some games and solve math problems.**

**(57) THREE IS A WONDERFUL NUMBER!**

**Presenters: Elizabeth Connolly, Sarah Berkovits and Mike Forte, Nassau Community College**

**Three IS a wonderful number! Puzzles and activities will celebrate "three". Triangles will certainly be featured.**

**(58) DOMINO DELIRIUM \***

**Presenters: Michael Huisman and Geraldine LaPenne, Freeport Schools**

**Love math? You'll love it even more when you learn to play math games with dominoes.**

**(59) GEOBOARD FUN**

**Presenter: Wendy Jackson, Freeport Schools**

**Have fun using rubber bands and geoboards to make exciting discoveries.**

**(60) GRAPHICALLY SPEAKING \***

**Presenter: Pat Lembo, Sacred Heart School**

**Using small individual bags of Lucky Charms, students will do activities to review their understanding of estimating, sorting, graphing, mean, median, mode, fractions, percentage and averaging.**

**(61) GUESS MY RULE AND OTHER FUN GEOMETRY ACTIVITIES**

**Presenter: Lisa McKillop, Massapequa Schools**

**Participants will explore the attributes of geometric shapes and patterns as they engage in several collaborative and competitive fast paced activities.**

**(62) EDIBLE ANGLES \***

**Presenters: Melissa Kempton and Joanne Blazich, Uniondale Schools**

**We will be creating acute, right, and obtuse angles out of chocolate covered pretzels. We will also be playing Angle Simon Says.**

**(63) BECOME A JUNIOR PROGRAMMER**

**Presenters: David Milch, Wyandanch Schools and Robin Weinrib, Great Neck Schools**

**Do you like to work with computers and robots? Do you enjoy planning a journey? Join us to learn how to program the Texas Instruments graphing calculator to drive a robotic car along a model of a road. Workshop includes a hands-on activity with calculators and TI-Robots.**

**(64) OH NO! 99! AND 200!**

**Presenters: Joan Ratty and Marian Augustine, Massapequa Schools**

**Come and enjoy a fast-paced card game involving mental math, strategy, and luck, paired with a competitive dice game which involves adding tens to 200, using simple game boards. Mental math and probability skills are fostered.**

**(65) BUILDING A GEODESIC DOME \***

**Presenter: Robert Russo, Massapequa Schools**

**Students will build a Geodesic Dome using toothpicks and gumdrops. We will also discuss relationships of sides, faces, and vertices of prisms and pyramids.**

**(66) TANTALIZING TANGRAMS**

**Presenters: Carla Scacalossi, NYC Schools and Ray Scacalossi, Manhasset Schools**

**This ancient Chinese puzzle has been around for thousands of years. Come to the workshop to learn about shapes, symmetry, fractions and problem solving. Leave with your own set to enjoy at home.**

**(67) FIRE UP MULTIPLICATION**

**Presenters: James Sciara and Kaitlin Bagen, Massapequa Schools**

**Ignite student excitement about learning multiplication facts. Participants will play interactive games that will revisit and reinforce their multiplication skills.**

**(68) ROLL 'EM**

**Presenter: Joyce Valenti, Massapequa Schools**

**Is it really just a lucky roll of the dice? Join us to play games involving dice! Good thinking will help you triumph over your opponent. The games we play will help us explore place value and multiplication.**



**Please note \* Workshop may include food**

## **GRADE 4**

### **(69) HAVING FUN WITH CALCULATORS**

**Presenter:** Sonja Barrera, Massapequa Schools

**Students and parents will have fun as they practice their math while playing calculator games.**

### **(70) METRIC OLYMPICS**

**Presenter:** Nira Colon, North Shore Hebrew Academy

**Learn to master and understand the metric system through tossing, jumping, and doing other fun activities.**

### **(71) READY, SET, TAKE OFF!**

**Presenter:** Beth Deaner-Cohen, Port Chester Schools and Neil Cohen

**We'll learn about the four forces of flight: lift, drag, thrust and weight. Each family will create paper airplanes by folding rectangular sheets of paper. Then we'll gather and organize data about distance traveled and the time planes are aloft. World record 27.6 seconds!**

### **(72) MATH FUN AND GAMES**

**Presenter:** Amy Feters, Roslyn Schools

**Come and learn some new and exciting math games: "Pig", "Connect 4" and the "Fraction Circle Game". Have fun while learning and practicing mathematics. Bring home games with you!**

### **(73) FUN WITH ATTRIBUTES**

**Presenters:** Christopher Garcia and David Schwartz, Massapequa Schools

**Attribute blocks are an assortment of shapes, sizes and colors. We will make lots of discoveries about these blocks while having fun doing a variety of interesting activities.**

### **(74) BEAN MATH ACTIVITIES**

**Presenter:** Margery Masters, Sag Harbor Schools

**We will do interesting, hands-on activities, using beans as our manipulative. This workshop is guaranteed to challenge parents and kids.**

### **(75) MATH ACTIVITIES YOU CAN COUNT ON**

**Presenter:** Miguelina Ortiz, Baldwin Schools

**Don't skip a step! Come and experience an impressive collection of hands-on activities, designed for you and your child, which will develop an appreciation and understanding of math.**

### **(76) COME AND LEARN HOW TO BE A MATH-A-MAGICIAN**

**Presenter:** Jamie Picora, Patchogue-Medford Schools

**You will learn the mathematics behind some amazing card tricks. You will explore number sense, logic and reasoning, as you learn card tricks that will entertain all of your friends.**

### **(77) DIGIT CARD MATH**

**Presenter:** Wendy Power, Patchogue Medford Schools

**Learn and play some fun games with digit cards. We will solve puzzles and problems while adding and subtracting. You will take a deck of digit cards with you so you can play more at home.**

**(78) HAVE SOME FUN WITH NUMBERS:**

**Presenter:** Grace Quinlan, New Hyde Park/Garden City Park Schools

Learn some magic “Arithmetricks” that you can do with your friends. They will be amazed! Only you will know the “secret”. I will even guess your birthday.

**(79) POLYHEDRA DICE GAMES**

**Presenter:** Natalie Rakamaric, Massapequa Schools

Play a variety of fun games using multi-sided dice while you reinforce your math skills and concepts as you play.

**(80) EXPLORING ALGEBRA WITH EQUABEAMS**

**Presenters:** Tayana Thadal and Nicole Rivera, Roosevelt Schools

Children will use equabeams to explore equalities. They will use this powerful tool to find the missing numbers in algebraic equations and solve many problems.

**(81) BECOME A MATH WIZARD**

**Presenter:** Debbie Tyler, Nassau Community College

Learn to perform some mystifying math tricks and impress your friends with your psychic powers. Guess their birthdays, read their minds and dazzle them with some perplexing brain teasers and puzzles.

**(82) MULTIPLICATION MOTIVATORS**

**Presenter:** Denise Veltri, P.S. 19, NYC Schools

Have you ever heard of lattice multiplication or Russian Peasant multiplication? Come explore some interesting and innovative ways of multiplying.

**(83) BUILDING TETRAHEDRAL KITES**

**Presenter:** Bruce Waldner, Syosset Schools

Learn how to use mathematics to make a tetrahedral kite. Participants will begin to make their kites using straws, string and paper. You can fly your kite after you finish.

**(84) PENTOMINOE POWER**

**Presenter:** Leanne Weiner, Hunter College

Explore and construct tile arrangements which are the basis of pentominoes. Have fun using transformations, flips, slides, and rotations using pentominoe puzzles. This is a fantastic hands-on activity for the whole family.



Please note \* Workshop may include food

**GRADE 5/6**

**(85) DOMINOES, TETRIS AND NOW . . . PENTOMINOES**

**Presenters:** Danielle Calvagno and Julia Cava, East Williston Schools

If you ever spent an afternoon playing with dominoes or if you feel that you have mastered how the pieces in the game “Tetris” fit together, why not come and see what pentominoes are all about.

**(86) WHAT’S MY RULE?**

**Presenter:** Louise Cataldo, Plainview/Old Bethpage Schools

How did they do it? Mathematicians of the past developed rules, formulas, and algorithms based on their observations and discoveries. This is a chance for you to wear the hat of the mathematician. Using hands-on materials and collecting data, you will try your hand at developing a few rules of your own.

**(87) THE REMARKABLE GOLDEN MEAN**

**Presenter:** Al Cavallaro, Nassau Community College

In 1195 Leonardo of Pisa, better known as Fibonacci, wrote this sequence of numbers in his book: 1, 1, 2, 3, 5, 8, 13, ... and launched the incredible *golden mean* ratio era of discovery. The golden mean somehow defines our concept of beauty as well as nature’s biological preferences; even our DNA is linked to this ratio! With a few, simple, fun experiences we will try to demonstrate what the golden ratio is and how it seems to govern so many diverse aspects of life.

**(88) BUBBLES, CANDY + MATH, WHAT A FANTASTIC COMBINATION \***

**Presenter:** Lisa Clark, Sewanhaka Schools

Come explore different math concepts with fun, hands-on activities using candy!

**(89) M.C. ESCHER TIME . . . CREATE YOUR OWN TESSELLATION**

**Presenter:** Peter Crisci, East Williston Schools

A tessellation is created when a shape is repeated over and over again without any gaps or overlaps. Students and parents will form a unique shape and create their own repeated pattern.

**(90) SIR CUMFERENCE AND THE ROUND TABLE!**

**Presenter:** Jeannine Falzone, Plainview/Old Bethpage Schools

Come hear the story of *Sir Cumference and His Round Table* and help them through their royal math journey!

**(91) TAKE YOUR CHANCES!**

**Presenter:** Joanne Fleming, Mineola Schools

Will you win the lottery? Ace your next math test? Fun-filled virtual probability adventures abound in this workshop!

**(92) GAMES ARE GREAT**

**Presenter:** Deanna Henderson, Massapequa Schools

We will play a variety of games using dice, cards, and spinners. Games are great for reinforcing math skills.

**(93) ARE YOU SMARTER THAN A 5<sup>TH</sup> GRADER? OR 6<sup>TH</sup> GRADER?**

**Presenter:** Richard Kalman, Math Olympiads for Elementary and Middle Schools

Parents and their children will compete with each other on a 5<sup>th</sup> grade math Olympiad contest to see who is “smarter”! You won’t win a million dollars, but you will have a ton of fun.

**(94) PYRAMATH**

**Presenter:** Dennis Mulhearn, Math Olympiads for Elementary and Middle Schools  
Students, learn a new card game while using problem solving strategies, strengthening your math vocabulary and reinforcing the basic facts. Warm up with puzzles and then challenge your parents to play the card game Pyramath. Each family will get a set of Pyramath cards to take home and play.

**(95) GIFT BOX GEOMETRY**

**Presenter:** Teri Newell, Northport/East Northport Schools  
Good things come in small packages. We will make a beautiful gift box while using geometry concepts.

**(96) DESIGN AND LAUNCH YOUR OWN FILM CANISTER ROCKETS**

**Presenter:** Emily O'Brien, Plainedge Schools.  
Participants will use their mathematical skills, along with science principles, to design their own rockets. Launching included!

**(97) FUN WITH NUMBER TILES**

**Presenter:** Cheriese Pemberton, Long Beach Schools.  
Come and explore several hands-on activities using number tiles. Enhance your number sense and take home math activities to continue the fun.

**(98) TESSELLATIONS**

**Presenter:** Diane Pryor, Malverne Schools  
Do you know what a tessellation is? Do you think you can make one? We will look at some tessellations; learn the math you need to know and you will make your own to take home.

**(99) QUICK STICKS AND LATTICE MULTIPLICATION**

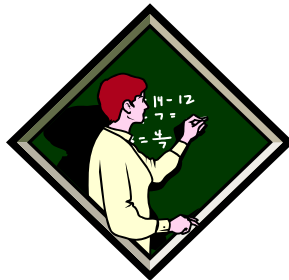
**Presenter:** Nancy Ruisi, Hicksville School District, Adelphi University  
Learn a quick way to multiply out of the box!

**(100) CURVE STITCHING – “SEW BEAUTIFUL”**

**Presenter:** Jane Sessler, Manhasset Schools, (retired)  
Use your math knowledge to learn how to create beautiful designs by curve stitching.

**(101) THE ODDS ARE . . .**

**Presenter:** John Titolo, Bethpage Schools  
You will enjoy doing a variety of probability activities in this workshop. Fun and prizes are guaranteed.



Please note \* Workshop may include food