

FAMILY MATH DAY

A Conference for Parents & Children

April 5, 2014

Bethpage High School, Bethpage, NY

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



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

Presented by Nassau County Mathematics Teachers' Association and
Nassau County Association of Mathematics Supervisors
with the support of the Sponsoring Districts

Grace Quinlan
25 Ingraham Lane
New Hyde Park, NY 11040

THE SANDY COHEN FAMILY MATH DAY

April 5, 2014

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.

The Sandy Cohen Family Math Day will be held at **Bethpage High School**, on Saturday, **April 5, 2014**.

There are 66 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.
- 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 **\$40** 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 \$40. 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 MUST accompany your registration form.

Please allow time to park. If possible, carpool with another family.

We hope that you will find the day a rewarding and fulfilled 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 building map, last minute information, an evaluation form, 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 **9:00 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:

- 8:15 - 9:00 Registration, breakfast, door prizes, and contests
- 9:00 - 9:10 Proceed to the first session room
- 9:10 - 9:20 Listen to announcements
- 9:20 - 10:10 Session 1
- 10:20 - 11:10 Session 2
- 11:10 - 11:20 **Remain in session 2 for snacks and announcements**
- 11:30 - 12:20 Session 3 or Kindergarten Activities

Registration: Auditorium

Breakfast: Cafeteria B

Contests: Gym

Door Prizes: Lobby

**Kindergarten Activities:
Cafeteria B**

You will receive a confirmation via email. Note that a map and directions to Bethpage High School will be included. PRINT YOUR EMAIL ADDRESS CAREFULLY ON YOUR REGISTRATION FORM. PLEASE LOOK FOR THE EMAIL APPROXIMATELY TWO WEEKS PRIOR TO FAMILY MATH DAY.

If you have a question, or if you have not received an email confirmation of your registration by March 24, 2014, please call 516 352-4091 or email FamilyMathDay@gmail.com.

To cancel please call (516)-352-4091 (10am - 4pm and 7pm – 9 pm), email FamilyMathDay@gmail.com or send a note to:

The Sandy Cohen Family Math Day
GRACE QUINLAN
25 INGRAHAM LANE
NEW HYDE PARK, NY 11040

CANCELLATION POLICY: WE WILL RETURN YOUR REGISTRATION FEES IF YOU NOTIFY US BY MARCH 20. 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- 644-4100.

(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: NEWS 12 LI, WBLI 106.1 FM, WBAB 102.3 FM, WALK 97.5 FM, 1010 WINS

KINDERGARTEN

(1) THE BUTTON BOX – SORTING AND MAKING PATTERNS

Presenters: Grace Bedney, Michelle Brady, Fran McCann, Bethpage Schools

We will read the story *Button Box* by Margarett Reid then use buttons to sort, discuss ways to sort (attributes) and make patterns.

(2) BRAIN GAMES

Presenter: Elizabeth Bellisari, Notre Dame School

Are you a game player? Explore the many ways you can have fun with numbers by playing games as you count, add and subtract!

(3) YUMMY IN YOUR TUMMY GEOMETRY*

Presenters: Mary DeLeonardis, Wyandanch Schools, Lynn Marks, Consultant

Math is not just good for your brain but it also tastes delicious too! *Captain Invincible* will help us build some of the tastiest geometric shapes any mathematician has ever eaten! Are you up for this scrumptious shape challenge?

(4) HAPPY MATH DAY TO YOU*

Presenter: Allison Giorgianni, West Babylon Schools

Cake, balloons, candles, and math...everything necessary to make a birthday party fun! Come check out all the math that is found at a birthday. Put on your party hats and get ready to sort, graph, and compare, and measure using the materials found at a typical birthday party. The birthday party fun is endless!

(5) FROM BOOK TO BOARD – MAKE IT AND TAKE IT

Presenter: Fran Kohn, East Rockaway Schools, Retired

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.

(6) NUMBER CRAZY?

Presenter: Susan Love, PS 95, NYC Schools

Do numbers make you crazy? Come and see how we can have fun using numbers to play an assortment of math games. You won't even realize how much you will learn while having fun!

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

Presenter: Cyndi Nichols, Commack Schools

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

(8) GAMES GALORE

Presenter: Chantelle Persaud, Port Washington Schools

Kids, bring your parents to this workshop to play games and activities to show off your wonderful math skills! Who knew addition and subtraction could be so much fun!

(9) FUN WITH MATH, LITERATURE AND LANGUAGE!

Presenters: Colette Rogers, Beth Tarkin, and Rosanna DelleValle, Bethpage Schools

Join us for a connection between every day math and literature. Expand your kindergarten child's thinking and language through sorting and identifying properties using great collections.

(10) 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, and 10's Go Fish.

(11) MAKE IT BIGGER . . . MAKE IT SMALLER

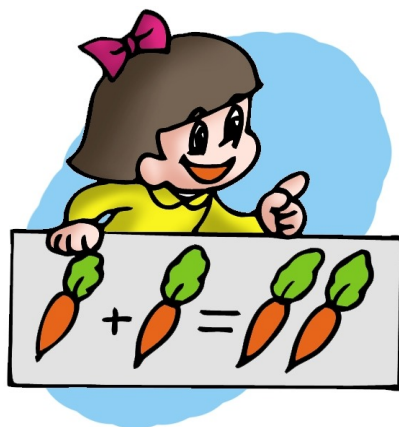
Presenter: Kathleen Smith, Hastings Academy, Baldwin

Adding and subtracting can do amazing things to great big numbers, and teeny tiny numbers. Come and see what can happen with an addition and subtraction sign!

(12) 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.



Please note * Workshop may include food

GRADE 1

(13) 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!

(14) 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.

(15) WHAT DO BEARS DO WHEN THEY ARE NOT HIBERNATING?

Presenter: Danielle Calvagno, East Williston Schools

They have breakfast, get dressed, and go to a baseball game of course! Use mathematical logic to solve fun puzzles and learn about all of the choices a bear can make in a single day. There are more choices than you think. Join us and see . . .

(16) TREASURE HUNT

Presenters: Deb Farley and Kelly Bergin, Holy Child Academy, Old Westbury

Parents and children participate in a 2-player card game. Have fun playing around with forward and backward number sequences. Each participant will receive a Treasure Hunt card deck to take home.

(17) FIRST GRADE MATH GAMES

Presenter: Andrea Fassendorf, Manhasset Schools

Let's play games to reinforce the key first grade Common Core math skills including money, addition, subtraction, and place value.

(18) 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.

(19) 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.

(20) PUTTING FUN IN THE FUNDAMENTALS

Presenter: Henry Kupstas, East Williston Schools

Have fun with addition and subtraction games and puzzles that will help students practice their calculations.

(21) ANIMAL CRACKERS *

Presenters: Mitsa Lazaridis, Nancy Schmidt and Gloria DeMeo, Bethpage 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.

(22) MATH AND MOVEMENT

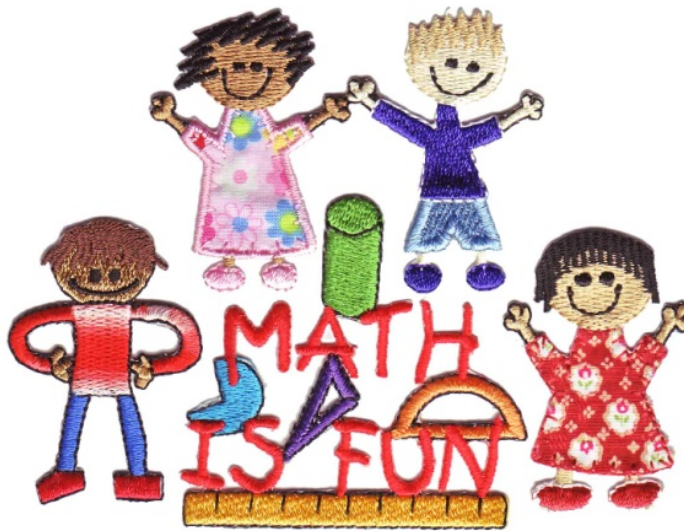
Presenters: Herman Lim and Tom Greeley, East Williston Schools

Two, four, six, eight. Come see how we use exercise as a way to skip count, move and have fun!

(23) 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.



Please note * Workshop may include food

GRADE 2

(24) THE GREATEST GAME

Presenter: Barbara Allaire, Malverne Schools

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

(25) FUN WITH CALCULATORS

Presenter: Jennifer Cottone, Great Neck Schools

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

(26) A DAY WITH NO MATH *

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

Based on the story *A Day with No Math*, this workshop will show you how math is a part of our everyday lives.

(27) MEASURUNG MANIA!*

Presenter: Brittany Del Vecchio, Jillian Di Napoli, and Kelsey Lohsen, Bethpage Schools

How big is a marshmallow? How big is a cookie? Come join us for a day of measuring fun and games as we learn how to measure using different objects!

(28) FUN WITH SHAPES

Presenter: Jen Egan, Pawling Central School District (Dutchess County)

Geometry is in everything around us. If you like learning about and playing with objects of all shapes and sizes then this workshop is for you!

(29) 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!!

(30) ABRACADABRA . . . NUMBER MAGIC

Presenter: Joy McCellan, PS 205, NYC Schools

We will use math to make magic. Come and have some fun with card tricks and other number fun using math to be a "math" magician.

(31) ALICE'S ADVENTURES IN MATHLAND

Presenter: Jamie Piccora, Patchogue-Medford Schools

Explore whimsical engaging hands on mathematical activities based on Alice's Adventures in Wonderland. Investigate measurement by creating an Alice, practice addition by counting the Cheshire Cat's teeth and explore patterns while creating a caterpillar companion.

(32) FUN AND GAMES WITH CARDS

Presenters: Maria Pugliese and Lucia Sapienza, PS 153, NYC Schools

Join the fun while we play an assortment of math games. You won't even realize that you will be using good thinking to solve and win.

(33) A CREATIVE MATH EXPERIENCE

Presenter: Emily Schreiber, Malverne Schools, Retired

We will use pattern blocks and mirrors to explore shapes and symmetry. Then we will create original symmetrical designs with pattern block stickers on construction paper.

(34) ROLL WITH IT!

Presenter: Jennifer Simicich, Shoreham Wading River Schools

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.

(35) DISCOVERING DOMINOES

Presenter: Neil Sklar, Educational Consultant

Have fun playing games, solving problems and doing activities that help uncover number patterns and relationships using dominoes.



Please note * Workshop may include food

GRADE 3

(36) LET'S PLAY GAMES

Presenter: Michele Anselowicz, Wantagh Schools

Great fun and bonding take place when a family plays together. Learn new family games that are lots of fun . . . and reinforce math concepts at the same time! Play many exciting games together that will build your child's knowledge and skills on their grade level. The best part is that you get to go home with directions and supplies for all games learned so you can get started right away. Your friends will want to learn how to play too!!!

(37) MULTIPLICATION MANIA

Presenters: Kelly Beleckas, Long Beach Schools and John Beleckas Elmont Schools

Play and take home fun and exciting multiplication games that can be played anytime and anywhere.

(38) GEOBOARD FUN

Presenter: Wendy Jackson, Freeport Schools

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

(39) EDIBLE ANGLES *

Presenters: Melissa Kempton, Uniondale Schools

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

(40) FRACTIONS - GET A PIECE OF THE ACTION

Presenter: Grace Parisi, Long Beach Schools

A piece of pie? A slice of pizza? Playing half a game? Enjoy fractions in many fun and interesting ways.

(41) MATH GAMES

Presenter: Diana Ryan, Great Neck Schools

Do you love to play games? In this workshop you will learn a dozen games to play at home that will provide hours of fun (don't tell the kids but they're educational too). When you leave this workshop you will have game boards, directions, and materials to get started at home, playing math games that reinforce the third grade curriculum. Parents will leave with a whole new math vocabulary to reinforce their child's learning!

(42) 100 YARDS TO WIN!

Presenter: Matthew Tetenbaum, Freeport Schools

Use your skills to play math football. Be a winner! Score a touchdown!

(43) MULTIPLICATION MADNESS

Presenter: Christine Wrage, Massapequa Schools

Have fun practicing your multiplication facts with these interactive multiplication games. If you like to play board games or card games this is the workshop for you.

(44) SOUPS AND SUCH CAFE *

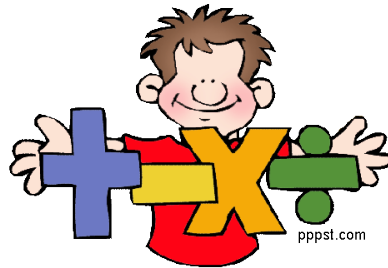
Presenters: Kerry Wessinger, Karilyn Rossini, Kate Wright, Bethpage Schools

Put on your apron and prepare to have F U N with Alphabet Soup. Learn about Geometry while you read a poem about old Mr. McGruder. You'll never look at Alphabet Soup the same way.

(45) GREAT GAMES AND PERPLEXING PUZZLES

Presenters: Shari Zindman, Locust Valley Schools and Steven Zindman Wyandanch Schools

If you like great math games and puzzles too, we have a workshop that's just right for you. We'll work with the tangram and have "sum" great fun, and solve lots of puzzles that you'll love a ton! We'll roll the dice and play games with the gang, and you'll find out what happened when The Doorbell Rang!



Please note * Workshop may include food

GRADE 4

(46) LET'S SHARE THE GIRL SCOUT COOKIES! EXPLORING FRACTIONS *

Presenters: Sara Dionne and Denise Caliguri, Bethpage Schools

Using fun manipulatives and games, students will explore the meaning of basic fractions and enjoy a special treat at the end of the activity!

(47) TASTE THE RAINBOW *

Presenter: Gina DiSanto, Malverne Schools

Using Skittles, we will explore fractions, graphing, and probability. It is quite “probable” that you will have lots of fun while learning important math skills, and have some tasty leftovers to take home!

(48) MATH FUN AND GAMES

Presenter: Amy Fetters, 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 games home with you!

(49) FRACTIONAL FUN

Presenter: Jessica McGee, East Williston Schools

The world of fractions is unique indeed! Let's see how we can become mathematical artists as we put our fractional knowledge to work in a hand on arts and crafts activity, and then end the workshop with an unusual Uno game of fractions!

(50) 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.

(51) PUT ON YOUR “GAME” FACE

Presenter: Miguelina Ortiz, Baldwin Schools

Let the games begin. Practice problem solving skills and math facts through fun investigations.

(52) 4th GRADE DICE GAMES

Presenters: Allison Robb and Cheryl Kelly, Bethpage Schools

Come play dice games! Exercise your mathematical thinking skills while learning some new games with your friends and family. These activities encourage fun and critical thinking while sparking discussions about probability and the major operations. You can continue the excitement at home!

(53) OPTICAL ILLUSIONS = MIND BLUFF

Presenter: Lisa Rundo, Long Beach Schools

Everyone loves optical illusions! In this workshop you will explore optical illusions and the math required to create them. Every student will design an illusion of a 3-Dimensional room on a 2-Dimensional piece of paper using math measurement tools. Bring your imagination!!

GRADE 5/6

(56) 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 arithmetic book; 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, ... and launched the incredible *golden mean* era. With a few simple experiments, we will try to demonstrate what the golden ratio is and how it seems to govern so many diverse aspects of life.

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

Presenter: Lisa Clark, Sewanhaka Schools

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

**(58) HOW HIGH CAN YOU GO or CAN YOU MAKE THE BIGGEST NUMBER?
USE EXPONENTS TO SEE HOW BIG YOU CAN GO**

Presenter: Laura Fitzgerald, Bethpage Schools

The goal of the game is to create an exponent with a higher value. A child will be given two cards and must decide which card should be the base and which the exponent. The player with the highest value wins.

(59) GOODNESS GRACIOUS GREAT GAMES OF MATH

Presenter: Joe Granieri, Bethpage Schools

Come one, come all, to play some of the great games of math! Kids and parents . . . bring nothing but your mighty pencil, and your stronger than steel brain, in a battle of the ages . . . who will win? Parents? Kids? Or could it be a tie? Sign up and find out . . .

(60) LET'S DISCOVER PI! *

Presenter: Sandra Keegan and Ida Klikovac, Nassau Community College

Families will experience an exciting and entertaining activity, which allows everyone to discover a wonderful mathematical ratio known as Pi. We will read *Sir Circumference and the First Round Table* by C. Neuschwander and W. Geehan. Pertinent terminology will be discussed and families will begin their own journey to find pi and pie too!

(61) TESSELLATIONS

Presenter: Terry Kelly, Hicksville 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.

(62) 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.

(63) DO YOU NEED GIFT BOXES?

Presenter: Nicholas Restivo, Executive Director, Math Olympiads

We will transform greeting cards into boxes to understand the relationships among perimeter, area and volume. Students and parents will gain an in-depth understanding of geometry terms: families of quadrilaterals, volume, surface area, ratio and proportion.

(64) BECOME A SUPER-SLEUTH

Presenters: Linda Swartz and Jeanne Cano, Bethpage Schools

Be the Chief Detective who solves the crime by using amazing code breaking skills to unlock the clues and find the solution.

(65) CAN YOU FIGURE IT OUT?

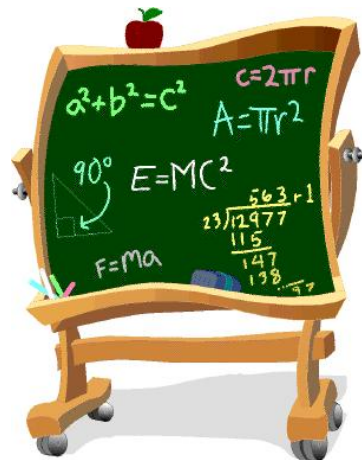
Presenter: Arkadiy Simonovsky, Long Beach Schools

Come and be a super problem solver! We will “figure” out all of the different possibilities to solving and ways to get to the solution.

(66) THE ODDS ARE . . .

Presenters: Jill Noreman and Suzanne Keller, 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

REGISTRATION FORM

FAMILY MATH DAY

Bethpage High School, Bethpage, New York

A PARENT/CHILD EXPERIENCE
SATURDAY APRIL 5, 2014

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 \$40.00 for one **FAMILY** group of up to 5 people. There will be a \$5.00 registration fee for each additional person. A check must accompany the registration form.

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

Please Print Clearly

GRADE LEVEL (CIRCLE ONE)	K	1	2	3	4	5/6
CHILD 1						
	LAST			FIRST		
CHILD 2						
	LAST			FIRST		
ADULT 1						
	LAST			FIRST		
ADULT 2						
	LAST			FIRST		
PHONE #						
E-MAIL						
DISTRICT						

GRADE LEVEL (CIRCLE ONE)	K	1	2	3	4	5/6
CHILD 1						
	LAST			FIRST		
CHILD 2						
	LAST			FIRST		
ADULT 1						
	LAST			FIRST		
ADULT 2						
	LAST			FIRST		
PHONE #						
E-MAIL						
DISTRICT						

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

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

CHOICE 1 _____	CHOICE 5 _____
CHOICE 2 _____	CHOICE 6 _____
CHOICE 3 _____	CHOICE 7 _____
CHOICE 4 _____	CHOICE 8 _____

CHOICE 1 _____	CHOICE 5 _____
CHOICE 2 _____	CHOICE 6 _____
CHOICE 3 _____	CHOICE 7 _____
CHOICE 4 _____	CHOICE 8 _____

Please include an email address as confirmations will be ***emailed***
about two (2) weeks prior to Family Math Day.

All materials will be picked up on Saturday, April 5, at Bethpage High School.

Please make checks payable to **NCMTA** and return this form immediately to:

FAMILY MATH DAY
25 INGRAHAM LANE
NEW HYDE PARK, NY 11040
Questions? Call 516-352-4091