

Two Math Enrichment Classes at NE (NE PTA-Sponsored Programs)

The following two math classes are open to 4th and 5th grade students, who are interested in math, have a strong math foundation and are self-motivated. The classes require students to *sit and focus for an hour after school*.

Class 1: Math Connections (taught on Tuesdays)

This is a two-year looping curriculum connecting math to other disciplines. This year, we will cover probability, statistics, irrational numbers and rates of growth/decay in depth. We will spend 3+ weeks on each unit with an associated activity or extra exercises linking it to other areas.

Students should be familiar with fraction arithmetic (especially addition and multiplication), percentages and ratios. Students who are familiar with these skills but have not mastered them may enroll in the class with the understanding that they'll need to continue to work on these skills at home and work with a classmate or follow the work on the board.

Families will receive a weekly note and occasionally, additional materials for home practice (this is optional work). Please note that there is *one homework assignment that must be completed at home (it should take 15 min.)*.

Class 2: Foundations of Competition Math/Problem Solving (taught on Thursdays)

The focus of this class is to expose students to commonly seen topics in competitions and problem-solving strategies. Topics will be discussed or reviewed quickly, spending most of the class time on problems. Compared to the other class, this class is a breadth class and the problems will be far more challenging. There will be 6+ problems/week. Most students will not be able to finish them in class. Problem-solving will be facilitated, done in groups or individually. Students will be encouraged to identify a subset that they are comfortable doing on their own, and few that they would need help with. They may finish the worksheet at home if they wish (solutions will be provided).

Students should have the following skills: long multiplication and division, decimal and fraction arithmetic, ratios and percentages. Students who have not mastered certain operations should expect to leave their answers as the operation. Since math competitions do not allow calculators, most days (or for most problems) we will NOT use a calculator. Please be aware that the problems are challenging, and while some students enjoy this work, if your child is easily frustrated or requires one-on-one support, this class may not be a good fit.

Competitions and coaching: Students do not need to attend competitions to enroll in the class, and competitions are not part of this class. This class is only an introduction to the type of work they'd do in the future if they wish to compete.

I will inform families of any competitions that come to my attention. As long as my schedule permits, I will coach any student or team for a competition after March. The registration, fee for competition, transportation and chaperoning is to be done by parents.

These materials are neither sponsored nor endorsed by the Board of Education of the Ithaca City School District, the superintendent, or this school.

Enrollment Details for both classes: The number of students per class will be 8-12. I can teach a second section for each class (on Wed. for Math Connection and on Fridays for FPS/PS) if there are at least 18 students interested in it.

Cost: \$160 for each class (Reduced Lunch cost: \$120; Free Lunch cost: \$80). **Checks should be made out to NE PTA and handed in with the registration form.** Payment is not refundable – please make sure your child wants to participate and s/he understands the class expectations.

For your child's safety and our learning experience:

- Please make sure that your child knows instruction begins at 2:05. The room number will be emailed to families the week of our first meeting.
- **Important note:** if your child was at school and is not present at the beginning of math class, I cannot leave the other students to go look for him/her (in the classroom or the bus line). I will email the family at the end of the day to let them know about the absence. But it's important that you discuss what your child should do if s/he mistakenly go home and you're not there.
- Students are expected to follow school rules. They must respect our borrowed classroom (i.e. they may not use pencils they find on the desk or go through the desk's contents). Materials will be provided to students in class or at the beginning of the year. (Students who take their notebooks home, must remember to bring them to class).
- If your child will be in school but missing math class, kindly let me know.
- Walkers and KC students are dismissed from the classroom after clean up (around 3:05).
- I will walk the rest of the students to the front door at 3:10. Please be there to sign out your child if you're doing the pick-up. If you are unable to be on time for pick-up, please arrange ahead of time for another parent to check out your student. Please send in a written note or email stating who is picking up your child or you may indicate this on the registration form. (If you designate your child as a walker, I can dismiss him/her without a signature).
- Please note that if you are tardy for pick-up, your child may be dismissed from class without a refund.

REGISTRATION FORMS AND PAYMENT ARE DUE ON **WEDNESDAY 18TH BY NOON.**

If you have any questions, please email me at eluciob@gmail.com.

Thanks,

Eglantina

These materials are neither sponsored nor endorsed by the Board of Education of the Ithaca City School District, the superintendent, or this school.

Our tentative meeting schedule:

	Math Connections on Tuesdays -----	FCM on Thursdays -----
<u>09/18 last day to register</u>		
Week 1	September 24	September 26
no class this week	October 1	October 3
2	October 8	October 10
3	October 15	October 17
4	October 22	October 24
(* make up day)	(October 29)	(October 31)
5	November 5	November 7
6	November 12	November 14
7	November 19	November 21
no class this week	November 26	November 28
8	December 3	December 5
9	December 10	December 12
10	December 17	December 19
no class this week	December 24	December 26
no class this week	December 31	January 2
11	January 7	January 9
12	January 14	January 16
13	January 21	January 23
14	January 28	January 30
15	February 4	February 6
(* make up day)	(February 11)	(February 13)
no class this week	February 18	February 20
16	February 25	February 27
17	March 3	March 5
18	March 10	March 12
19	March 17	March 19
20	March 24	March 26
(* make up day)	(March 31)	(April 2)
no class this week	April 7	April 9
(* make up day)	(April 14)	(April 16)
(* make up day)	(April 21)	(April 23)

If we need extra time for a lesson, we will continue it the following week. Likewise, we may start a lesson earlier than expected. Our projected end date is the last week of March. Families will be informed of our progress. It is possible that we will use an extra week or two to finish the curriculum. Once we cover our last lesson, the class will end for the school year. Make up days will be used in case there is a snow day or the instructor is ill.

These materials are neither sponsored nor endorsed by the Board of Education of the Ithaca City School District, the superintendent, or this school.

NE PTA REGISTRATION FORM FOR MATH CONNECTIONS (Sept. '19-Apr. '20)

PLEASE MAKE CHECKS PAYABLE TO NE PTA.

I, _____ (parent/guardian name), give my permission for my child/ward listed to join the NE PTA Math Connections and/or Foundations of Competitive Math.

I am registering my child for Math Connections taught on Tuesdays ____ (if an additional section is opened, my child can come on Wed. Yes ____ No ____)

I am registering my child for Foundations of Competitive Math taught on Thursdays. ____ (if an additional section is opened, my child can come on Fridays. Yes ____ No ____)

Child's Last Name: _____ First Name: _____

Age: ____ Teacher/Grade: _____ PM Bus #: _____

Home Address: _____

1. Parent/Guardian Name: _____ Address _____

H # _____ W #: _____

C #: _____ E-mail: _____

2. Parent/Guardian Name: _____ Address _____

H # _____ W #: _____

C #: _____ E-mail: _____

After the class ends my child will (Select One)

_____ picked up by _____

Address: _____ Phone : _____

_____ go to KidsCount

_____ walk home (students should not remain in the school unattended)

IN THE EVENT CLASS IS CANCELLED, INDICATE BELOW WHAT YOUR CHILD SHOULD DO:

An announcement will be made at school and you will be contacted by email/phone.

_____ go to KC (after school)

_____ School Bus # (PM)

_____ Walk home

_____ Picked up by: _____ Phone: _____

These materials are neither sponsored nor endorsed by the Board of Education of the Ithaca City School District, the superintendent, or this school.

EMERGENCY/ALTERNATE CONTACT to whom you give authority to make medical decisions for your child if you cannot be reached:

Name: _____ Relationship: _____

Address: _____ Phone: _____

Northeast PTA Emergency Medical Authorization

This form allows parents and guardians to authorize the provision of emergency treatment for children who become seriously ill or injured in the event that parents cannot be reached.

If reasonable attempts to contact me at the above telephone numbers have been unsuccessful, I hereby give consent for the transport via ambulance of my child/ward to the closest hospital or convenient care center. I understand Math Connections cannot transport children for medical treatment. I understand that if medical treatment and/or transportation is needed by my child/ward I will be responsible for all costs of said transportation and treatment. _____
(parent's/guardian's initials)

PLEASE BE AWARE THAT A NURSE IS NOT ON SITE AFTER 2PM. PARENTS ARE RESPONSIBLE FOR ADMINISTERING OR ARRANGING ALL NEEDED MEDICATIONS. IF A CHILD REQUIRES EMERGENCY MEDICATIONS SUCH AS AN EPI-PEN OR AN INHALER, PLEASE MAKE ARRANGEMENTS WITH KIDS COUNT STAFF, WHO WILL HOLD THE MEDICATION DURING PTA ENRICHMENT TIME AND CAN ADMINISTER THE MEDICATION.

Facts concerning Child's Medical History including medications, chronic illnesses, allergies, physical impairments to which a physician should be alerted are as follows:

PARENT PERMISSION/RELEASE:

I (we), the undersigned, have authority to sign for the above child and I (we) permit said child to enroll in the Northeast PTA Math Connections/Foundations of Competition Math. I (we) as parent(s) or guardian(s) of said child and for myself, do hereby release and forever discharge the Northeast Elementary PTA and its officers, agents, volunteers, and independent contractors, as well as the New York State Congress of Parents and Teachers, Inc., from any demands, actions, or causes of action arising as a result of or in the course of any of the above enrichment activity(ies). I (we) understand and agree to abide by the program policies and certify that all of the above information is true and correct.

Signature of parent/guardian _____ date _____

PLEASE NOTE: The class meets from 2-3:10pm. There is no late bus. I understand that my child will not be allowed to participate in class if s/he is picked up over 20min late from the class and/or picked up late more than twice. I also understand I will forfeit the registration fee.

Signature of parent/guardian _____ date _____

These materials are neither sponsored nor endorsed by the Board of Education of the Ithaca City School District, the superintendent, or this school.