



South Cook Math Bowl

Thursday, April 28th & Friday, April 29th, 2016

Prairie State College - Chicago Heights, IL

The 2016 South Cook Math Bowl is being held at Prairie State College. This competition is open to students in grades 1 - 8. The Math Bowl will be held on 2 consecutive days with Divisions A and B competing on Thursday, April 28th and Divisions C and D competing on Friday, April 29th. Prairie-Hills Elementary School District 144 will be coordinating the Math Bowl and it is generously being funded by Crystal Financial.

Organizational Meeting:

We will have an informational meeting that will be held at the Prairie-Hills Junior High, on **Friday, October 30, 2015** at 1:30 p.m. The purpose of this meeting will be to review the rules and structure for the day of the competition and to discuss any possible changes to the program. We will have another informational (mandatory) meeting that will be held at the Prairie-Hills Junior High, on **Monday, April 04, 2016** at 1:30 p.m. The purpose of this meeting will be to review the rules and structure for the day of the competition, as well as distribute t-shirts, nametags, lunch tickets, etc. ***Each district is required to send a representative.***

Competition Schedule:

Check-in: 8:15 – 8:45 AM

Competition: 9:00-11:30 AM

Lunch/Entertainment: 11:45-1:00 PM

Awards: 1:15 PM

Description of the Competition:

The competition consists of four events – two are individual events and two are team events. The team events for all divisions will include various Math Olympiad/algebraic problems and number puzzles for Part A and KenKen and logic puzzles for Part B. Each group must discuss and answer the problems as a team and each team will submit one answer sheet.

Team Composition:

Districts are limited to one team per division and each team has four members. All divisions must include two representatives from each grade level. The team divisions are:

Division A	Grades 1-2
Division B	Grades 3-4
Division C	Grades 5-6
Division D	Grades 7-8

Scoring: Grade Level Awards

One point is given for each correct answer. Points earned by each participant on the individual events are tabulated to determine the top individual scorers at each grade level.

Scoring: Team Awards

Team rankings will be tabulated by totaling the scores for the two team events, only. Individual scores will not be included in tabulating the team scores. If there is a tie, the individual scores of the division will be added to the team scores to break the tie. The team with the highest score will win placement on the team event winners list.

Awards:

There will be medals awarded to the top six (6) scoring students in each grade level. There will be plaques awarded to the top six (6) teams in each of the four (4) divisions.

Rules:

- ◆ All supplies necessary for the competition will be provided for students.
- ◆ Calculators, compasses, rulers, etc. are not allowed.
- ◆ No help may be given to students once they are seated in their assigned rooms.
- ◆ No contact should be made with the students from district personnel unless requested by Math Bowl personnel.
- ◆ No snacks are to be delivered to students. The only exception being students who must have specific snacks due to medical needs.

Competition Questions:

Questions for mental math, grade level events and team events will be aligned to the Common Core Standards (CCSS). All areas of mathematics will be covered including: computation, number sense, patterns, sequencing, estimation, measurement, data analysis, prediction, algebra and geometry.

Proctors and Runners: Each district must supply **two (2)** adults to serve as proctors, runners and scorers. The names of the adult volunteers must be submitted at the time of registration for the 2016 South Cook Math Bowl.

Lunch:

Lunch will be served for all student team members and the adult volunteers from each district. Additional lunches can be ordered. Please request the number of additional lunches needed when you register. Additional lunches may be ordered at the cost provided by Prairie State College.

Awards Ceremony:

The Awards Ceremony will take place in the Auditorium at 1:15 p.m. Depending on the amount of districts participating in this event, each student participant will be given two (2) tickets for the Awards Ceremony and each district will receive 4 additional tickets for special guests. This will entitle each student to have two family guest members and 4 district guest members to attend the Awards Ceremony. The tickets will be given to the contact person at the mandatory meeting in April. Guests are welcome to join us for the entertainment, beginning at **12:20 p.m.** (which will also take place in the auditorium prior to the awards presentation).

Participation Application/Registration Deadline:

Each district will need to complete an Initial Application, which includes the name and email address of the designated District Contact and the number of teams that will be competing. This form must be submitted no later than Friday, February 19th. The fee is \$40 per division team and should be included with the Initial Application. Checks should be made out to Prairie-Hills Elementary School District 144.

A team entry application is also required which includes the names and grades of the students that are participating. The team entry application must be received by Wednesday, March 11th.

South Cook Math Night:

The Chicago White Sox are once again sponsoring a 2016 South Cook Math night. All students and staff who participated at any level of their district's preparation and implementation of the Math Bowl are invited to attend. The game that we will be attending will be announced at a later date. Tickets are significantly reduced and are available for advance purchase. A flyer will be available for all districts at the April 04th mandatory meeting.

Most Valuable Player (MVP):

We are asking each district to select a District MVP; one for each of the two days of the Math Bowl. If your district is not participating at all levels, please choose one student for the day(s) you are competing. It is our goal that every district send someone to the stage for recognition on the day(s) that they are participating. These students should be chosen based on the criteria below. Please bring the names of your MVP, Junior Level (Thursday) and Senior Level (Friday) winners to the April 04th meeting.

Excels in Math
Positive Attitude
Team Player

Exhibits Leadership Qualities
Good Role Model for Others

Timeline of Events:

- **Friday, October 30th**, Informational Meeting: deadlines, event dates, and assessment changes
- **Friday, February 19th** the Initial Application and fees are due.
- **Thursday, March 11th**, Team Entry Form and team pictures are due. **(PLEASE NOTE: No applications will be received after this date!)**
- **Monday, April 04th**, Mandatory Organizational Meeting at Prairie-Hills Elementary School District 144
- **Thursday, April 28th**, Competition for Divisions A and B
- **Friday, April 29th**, Competition for Divisions C and D

Please direct questions or comments to **Ms. Lisa Adrianzen by reaching her at (708) 210-2888 or via email at ladrianzen@phsd144.net.**



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Initial Application

Contact Name: _____ District # or Name _____

Phone # _____ Email Address _____

Team Composition:

Districts are limited to one team per division, per district. Each team has four members. All divisions must include two representatives from each grade level. The team divisions are:

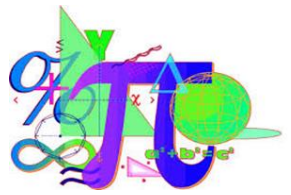
Division A	Grades 1-2
Division B	Grades 3-4
Division C	Grades 5-6
Division D	Grades 7-8

Our district will bring the following teams:

_____ Division A
_____ Division B
_____ Division C
_____ Division D

- This form must be submitted no later than Friday, February 19th, 2016.
- The fee is \$40 per Division Team.
- Checks should be made out to PHSD144 (Prairie-Hills Elementary School District 144).

Please mail to: Prairie-Hills Elementary School District 144
3015 West 163rd Street
Markham, IL 60428
Attention: Ms. Lisa Adrianzen
Email: ladrianzen@phsd144.net
FAX: (708) 210-9925



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Team Entry Form

Contact Name: _____ District # or Name _____

Phone # _____ Email Address _____

Each team must have two representatives from each grade level per division entered. List each team member below.

Division A

1. _____ Grade 1
2. _____ Grade 1
3. _____ Grade 2
4. _____ Grade 2

Division B

1. _____ Grade 3
2. _____ Grade 3
3. _____ Grade 4
4. _____ Grade 4

Division C

1. _____ Grade 5
2. _____ Grade 5
3. _____ Grade 6
4. _____ Grade 6

Division D

1. _____ Grade 7
2. _____ Grade 7
3. _____ Grade 8
4. _____ Grade 8

Adult Supervisors:

Thursday (1) _____ (2) _____

Friday (1) _____ (2) _____

While we appreciate the support of other staff members, only two (2) adult supervisors are requested for each day.

This form will also be sent digitally and must be received by
Friday, March 11, 2016.

Please email or mail the form to:

Prairie-Hills Elementary School District 144
3015 West 163rd Street
Markham, IL 60428

Email: ladrianzen@phsd144.net

Telephone: (708) 210-2888, ext. 2171

FAX: (708) 210-9925

**Please indicate the shirt sizes for each team participating:
(Youth large, Adult small, Adult medium, Adult large, Adult X large, Adult XX large)**

Division A Shirt Sizes: _____ Division B Shirt Sizes: _____

Division A Shirt Sizes: _____ Division B Shirt Sizes: _____

Division A Shirt Sizes: _____ Division B Shirt Sizes: _____

Division A Shirt Sizes: _____ Division B Shirt Sizes: _____

Division C Shirt Sizes: _____ Division D Shirt Sizes: _____

Division C Shirt Sizes: _____ Division D Shirt Sizes: _____

Division C Shirt Sizes: _____ Division D Shirt Sizes: _____

Division C Shirt Sizes: _____ Division D Shirt Sizes: _____

Please choose your sizes carefully, once the order is placed we will be unable to change the sizes or provide additional T-Shirts.

T-Shirts for alternates or Adult Staff may be purchased at \$6 each. Please indicate sizes desired on the form above.

Total number of additional t-Shirts and sizes _____ Total Cost: _____

Please include a check for the additional shirts.

Additional Division A Shirt Sizes: _____ Additional Division B Shirt Sizes: _____

Additional Division A Shirt Sizes: _____ Additional Division B Shirt Sizes: _____

Additional Division A Shirt Sizes: _____ Additional Division B Shirt Sizes: _____

Additional Division A Shirt Sizes: _____ Additional Division B Shirt Sizes: _____

Additional Division C Shirt Sizes: _____ Additional Division D Shirt Sizes: _____

Additional Division C Shirt Sizes: _____ Additional Division D Shirt Sizes: _____

Additional Division C Shirt Sizes: _____ Additional Division D Shirt Sizes: _____

Additional Division C Shirt Sizes: _____ Additional Division D Shirt Sizes: _____

This form must be received by Friday, March 11, 2016.

Please mail to: Prairie-Hills Elementary School District 144

3015 West 163rd Street

Markham, IL 60428

Attention: Ms. Lisa Adrianzen

Email: ladrianzen@phsd144.net

Telephone: (708) 210-2888, ext. 2171

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Substitution Form

District # or Name: _____

Division: ☐ 1-2 ☐ 3-4 ☐ 5-6 ☐ 7-8

Participant Registered: _____ Grade: _____

Replacement Name: _____ Grade: _____

District Contact : _____ Date: _____

Substitution made after Monday, April 04th must be emailed to Ms. Lisa Adrianzen at ladrianzen@phsd144.net in order for us to have the correct name tags for the competitors.

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Markham, IL 60428
Attention: Ms. Lisa Adrianzen
Email: ladrianzen@phsd144.net
Telephone: (708) 210-2888, ext. 2171
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THURSDAY, APRIL 28, 2016 & FRIDAY, APRIL 29, 2016

MATH BOWL COMPETITION SCHEDULE

Event	Time	Type	Notes
Event #1 40 Questions	9:00 – 9:15 a.m.	Mental Math & Conversions	No scratch paper allowed. No writing in the air, on the desk, use of hands, use of arms, etc. Violations will result in a student score of zero.
Event #2 35 Multiple Choice & 5 Short Response Questions	9:20 – 10:05 a.m.	Written	Scratch paper is allowed. Problems will be more difficult than everyday math problems. Students in Division A will write on the test. All other Divisions will circle answers on a TEST answer sheet.
BREAK 10:10 – 10:25 a.m. (15 minutes) Snacks will be provided.			
Team Event ~ Part A	10:30 – 11:10 a.m.	Problem Solving & Number Puzzles	Scratch paper is allowed. Algebraic Thinking / Math Olympiad type questions. Discussion required! Students will work together as a group. Each team submits one answer sheet. A team captain must be designated before the event. 10 problem solving tasks worth 5 points each (50 possible points)
Team Event ~ Part B	11:15 – 11:40 a.m.	KenKen and Logic puzzles	Scratch paper is allowed. Discussion required! Students will work together as a group and each team submits one answer sheet. A team captain must be designated before the event. KenKen worth 10 points Logic puzzle worth 10 points Partial points will not be awarded
Lunch	11:45 – 12:15 p.m.		Groups will eat in the classrooms or outside, under the supervision of school staff representative/coach.
Entertainment	12:15 – 1:10 p.m.		Return to the auditorium.
Awards Ceremony	1:10 p.m.		Return to the auditorium.