



## South Cook Math Bowl

**Thursday, May 11<sup>th</sup> & Friday, May 12<sup>th</sup>, 2017**  
**Prairie State College - Chicago Heights, IL**

The 2015 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, May 11<sup>th</sup> and Divisions C and D competing on Friday, May 12<sup>th</sup>. 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 **Tuesday, November 01, 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 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 **Wednesday, April 26, 2017** 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 five events – three are individual events and two are team events. The team events for all divisions will include a KenKen and logic puzzles for Part A and various Math Olympiad/algebraic problems and balance puzzles for Part B. The students will not be allowed to separate the packets for the team events. Each group must discuss and answer the problems as a team.

### **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.

**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, analysis of data, 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 2017 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 17<sup>th</sup>**. 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 **Thursday, March 16<sup>th</sup>**.

**South Cook Math Night:**

The Chicago White Sox are once again sponsoring a 2017 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 26<sup>th</sup>** 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 26<sup>th</sup> meeting.

Excels in Math  
Positive Attitude  
Team Player

Exhibits Leadership Qualities  
Good Role Model for Others

### Timeline of Events:

- **Tuesday, November 1<sup>st</sup>**, Informational Meeting: deadlines, event dates, and assessment changes
- **Friday, February 17<sup>th</sup>** the Initial Application and fees are due.
- **Thursday, March 16<sup>th</sup>**, Team Entry Form and team pictures are due. **(PLEASE NOTE: No applications will be received after this date!)**
- **Wednesday, April 26<sup>th</sup>**, Mandatory Organizational Meeting at Prairie-Hills Elementary School District 144
- **Thursday, May 11<sup>th</sup>**, Competition for Divisions A and B
- **Friday, May 12<sup>th</sup>**, Competition for Divisions C and D

Please direct questions or comments to Ms. Lisa Adrianzen at ([ladrianzen@phsd144.net](mailto:ladrianzen@phsd144.net)) and “cc” Ms. Codjhia Shelton ([cshelton@phsd144.net](mailto:cshelton@phsd144.net)) or call (708) 210-2888 or via email at [ladrianzen@phsd144.net](mailto:ladrianzen@phsd144.net) .



# South Cook Math Bowl

Thursday, May 11<sup>th</sup> & Friday, May 12<sup>th</sup>, 2017  
Prairie State College - Chicago Heights, IL

## Initial Application

Contact Name: \_\_\_\_\_ District # or Name \_\_\_\_\_

Phone # \_\_\_\_\_ Email Address \_\_\_\_\_

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### 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:

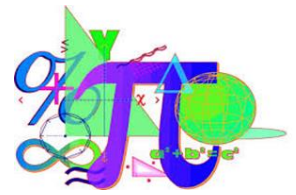
Division A	Grades 1-2
Division B	Grades 3-4
Division C	Grades 5-6
Division D	Grades 7-8

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 17<sup>th</sup>, 2017.**
- **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 163<sup>rd</sup> Street  
Markham, IL 60428  
Attention: **Ms. Lisa Adrianzen**  
Email: [ladrianzen@phsd144.net](mailto: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 Thursday, March 16, 2017.

Please email or mail the form to:

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

Email: [ladrianzen@phsd144.net](mailto: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 Thursday, March 16, 2017.**

**Please mail to: Prairie-Hills Elementary School District 144  
3015 West 163rd Street  
Markham, IL 60428  
Attention: Ms. Lisa Adrianzen**

**Email: [ladrianzen@phsd144.net](mailto:ladrianzen@phsd144.net)**

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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: \_\_\_\_\_

**All substitutions must be emailed to Ms. Lisa Adrianzen at [ladrianzen@phsd144.net](mailto:ladrianzen@phsd144.net) in order for us to have the correct name tags for the competitors.**

**Please mail or fax to: Prairie-Hills Elementary School District 144  
3015 West 163<sup>rd</sup> Street  
Markham, IL 60428  
Attention: Ms. Lisa Adrianzen  
Email: [ladrianzen@phsd144.net](mailto:ladrianzen@phsd144.net)  
Telephone: (708) 210-2888, ext. 2171  
Fax: (708) 210-9925**



THURSDAY, MAY 11, 2017 AND FRIDAY, MAY 12, 2017

**MATH BOWL COMPETITION SCHEDULE**

Event	Time	Type	Notes
Event #1 40 Questions	9:00 – 9:15 a.m.	Mental Math	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	9:20 – 10:05 a.m.	Written	Scratch paper is allowed. Problems will be more difficult than everyday math problems.
<b>BREAK 10:10 – 10:25 a.m. (15 minutes) Snacks will be provided.</b>			
Team Event ~ Part A	10:30 – 11:10 a.m.	Written	Scratch paper is allowed. Algebraic Thinking / Math Olympiad questions. Discussion required! Students will work together as a group. <b>Each team submits one answer sheet.</b> A team captain must be designated before the event.
Team Event ~ Part B	11:15 – 11:40 a.m.	Written	KenKen and Logic puzzles. Scratch paper is allowed. Discussion required! Students will work together as a group. <b>Each team submits one answer sheet.</b> A team captain must be designated before the event.
Lunch	11:45 – 12:15 p.m.		<b>Groups will eat in the classrooms or outside, under the supervision of school staff representative/coach.</b>
Entertainment	12:15 – 1:10 p.m.		<b>Return to the auditorium.</b>
Awards Ceremony	1:10 p.m.		<b>Return to the auditorium.</b>