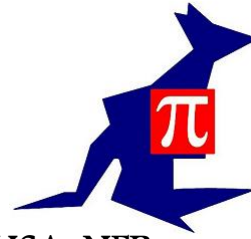

Math Kangaroo Bulletin



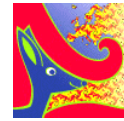
The bulletin of Math Kangaroo in USA, NFP

Volume VIII, Issue 1 - Fall 2017

www.mathkangaroo.org



Maria Omelanczuk, CEO



KANGOUROU SANS FRONTIERES

At the beginning of this holiday season and just before Thanksgiving, let me express my gratitude to all of you for twenty years of your continuous support.

The first Math Kangaroo in USA took place in 1998 at the Sobieski Polish School in Chicago—with 32 participants. The next pages of this newsletters show where we are now.

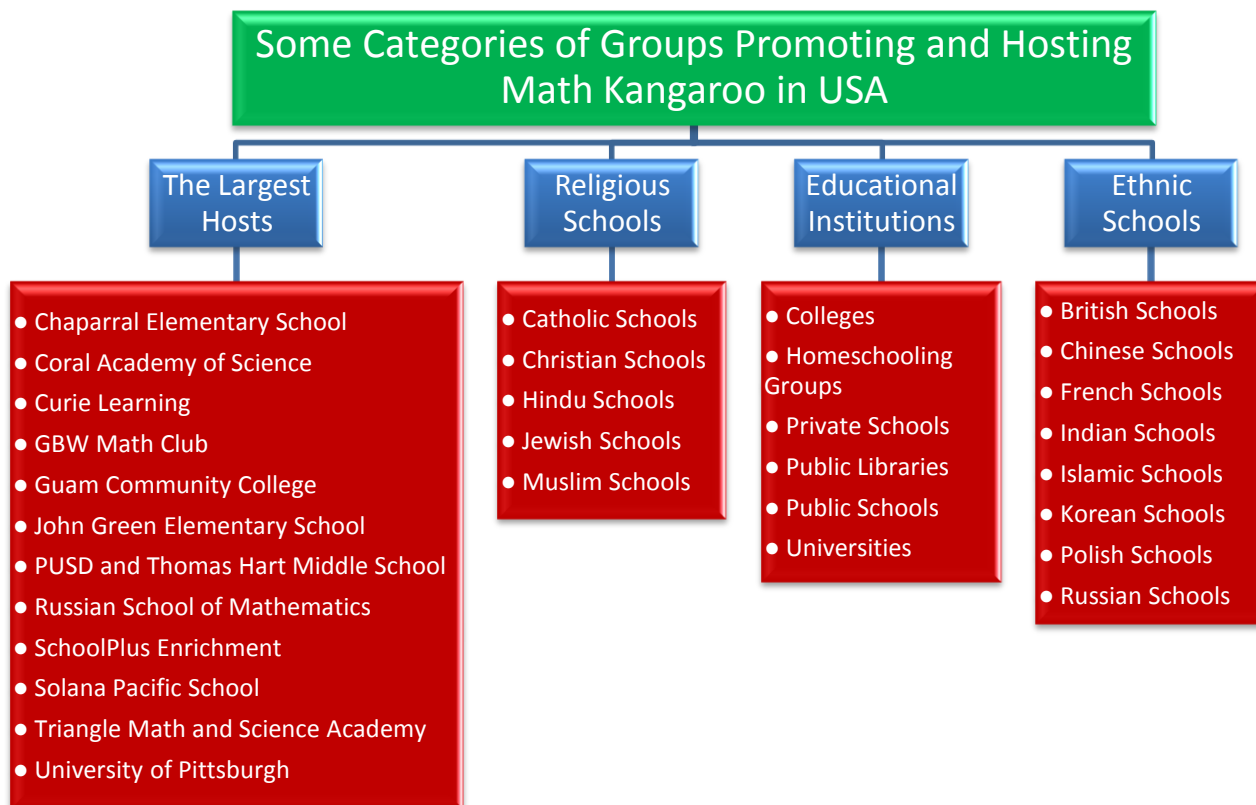
This advancement would not be possible without families enrolling their children in the competition, teachers offering their time and classrooms, and caring people of different institutions donating through company giving campaigns.

There were sponsors who bought our first t-shirts in 2004 and helped with paying for t-shirts in 2005. Media owners and organizations gave us time and space for heralding our mission of helping students love math.

Our team of volunteer Site Managers and [State Directors](#) grows annually. [Developers](#) have been building and promoting our image, and [Office Managers](#) tirelessly perform everyday tasks.

Thanks to all mentioned above and to others who work with us, spread the word, and offer consultation and help.

Today we are preparing the 21st Math Kangaroo. It will take place in nearly 700 classrooms, as of early November; we are still able to add more locations. Enrolment is in progress to the end of December. As each year, on Thursday, March 15, 2018, students will solve a mathematical test at twelve levels of participation, from first grade to the senior class of high school. The participation centers vary from small social center to public libraries, and from private and public schools to universities.



* alphabetical order

Your effort has been great, and the results are amazing. A network of enthusiastic people inspires youth to master mathematics. Students study, major in mathematics, and some even pursue a Ph.D. in the subject. Young people make quality friends that may last a lifetime. Girls and boys, any social groups—all like-minded children and teenagers enjoy and appreciate the benefits of their involvement.

Thank you for your efforts in the past and towards Math Kangaroo 2018!

Sincerely,

Maria Omelanczuk

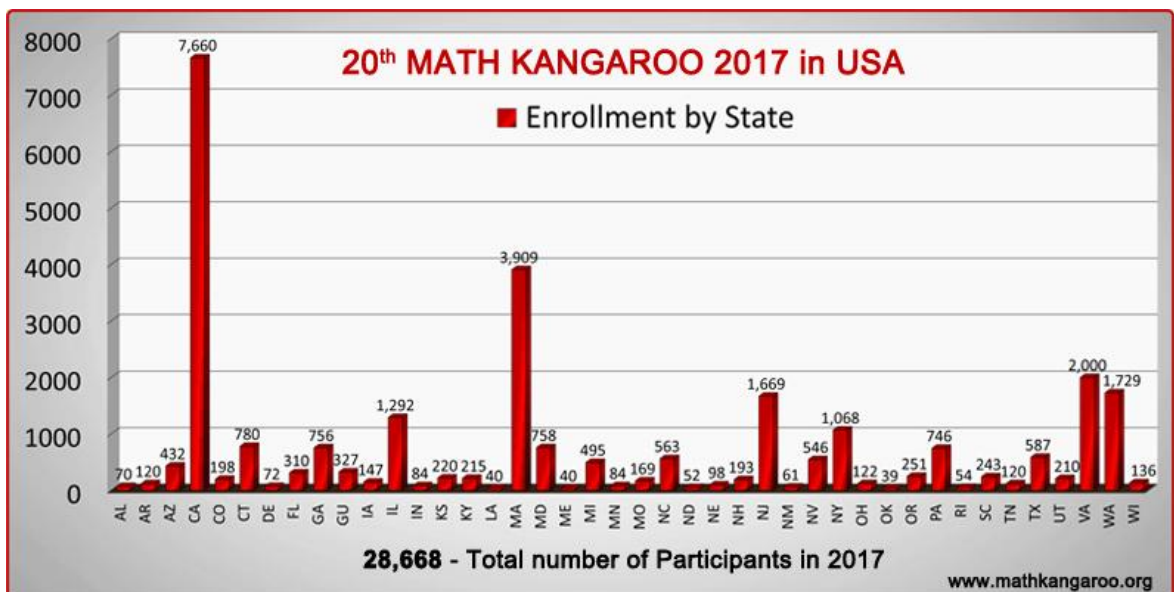
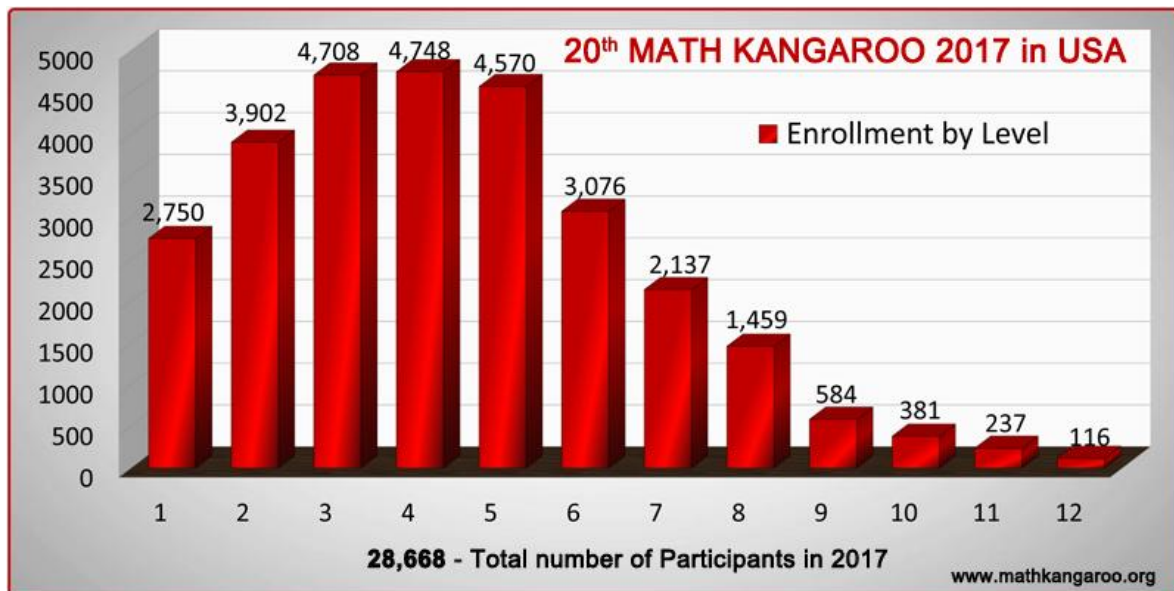
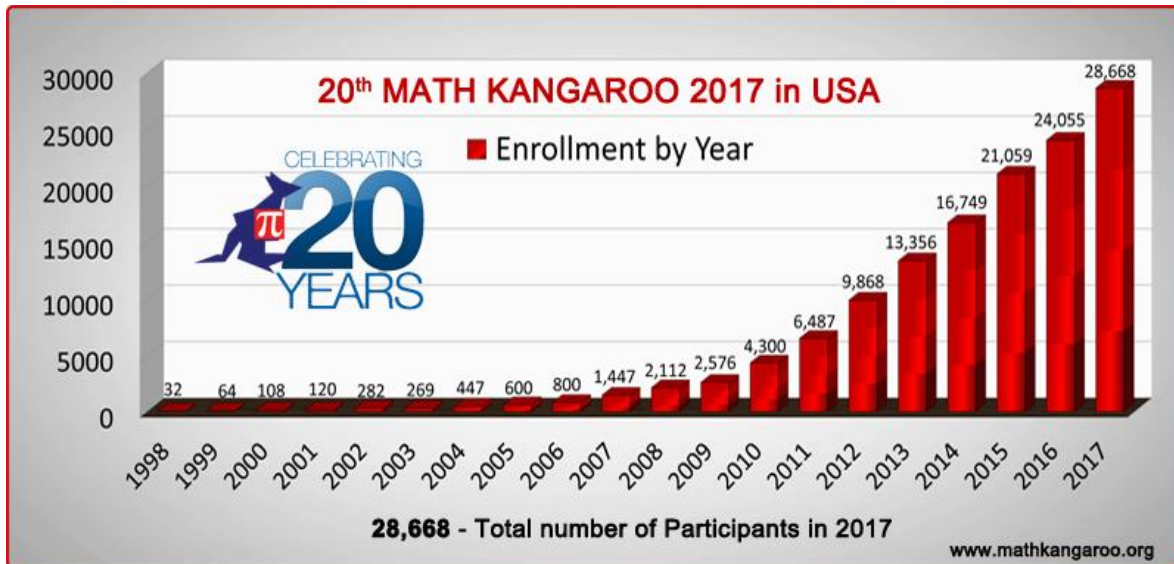
[Register your child today!](#)

[Donate any amount any time!](#)

[Enroll your school by December 1. No cost for schools. Parents register, and they pay online.](#)

[Join us on Facebook](#)







Izabela Szpiech, CFO

Every year Math Kangaroo receives help from very generous supporters: parents, donors, and fundraising companies. We cannot describe how much we appreciate this gesture. All this thoughtful contribution helped us to accommodate many children from schools and families facing financial hardship. **THANK YOU!**

Math Kangaroo is 501(c)3 Public Charity Organization type 50/50, EIN 20-0076861 and donations to the organization are tax exempt. Please check with your company if it is enrolled in donation matching program and consider choosing Math Kangaroo in USA to allocate your donation.

Awards, awards, and much more.

In 2017, Math Kangaroo in USA recognized top 20 results nationally and awarded 3983 students, as well as top 3 results on the state level and awarded 1742 participants.

Valuable books, teaser games and toys, gift cards, and wireless speakers were given as prizes in addition to diplomas, medals, and ribbons. The high school students took part in the international Math Camp in Zakopane. It was a gift from our organization for their great results in 2017 as well as in the past several years. Five senior students were recognized with \$1000.00 college grants, three with a \$300.00 awards.

Why more and more of our participants persistently return to be part of Math Kangaroo each year?

We love to compete, be recognized and awarded, but taking part of this specific International Olympiad gives something more valuable. Many high school senior students who have participated in Math Kangaroo throughout the years have been awarded college grants for very impressive scores. This year's laureates were asked what brought them year by year back to their local Math Kangaroo center as well as what they have learned through our program. Below, in this bulletin are presented the feedbacks they were provided.

To all of our participants: **I wish you a very successful school year and top results on our MK test in March!**



**Magdalena Teodorowicz,
From Development Team**

The following students were awarded with the International Math Kangaroo 2017 Int'l Camp in Zakopane, Poland in August.

First Name	Last Name	City	State
SANATH	GOVINDARAJAN	EXETER	NH
NICHOLAI	DIMOV	SHORT HILLS	NJ
VINCENT	TANG	LAS VEGAS	NV
ARPIT	RANASARIA	REDMOND	WA
STYOPA	ZHARKOV	MANHATTAN	KS
SHREYAA	RAGHAVAN	SHARON	MA
DANUSH	CHELLADURAI	SHREWSBURY	MA
ARI	XUAN	BOXBOROUGH	MA
CAMIL	SUCIU	GRAND RAPIDS	MI
JENNIFER	GAO	CLEMSON	SC
ANURAAG	MADABUSHI	Houston	TX

[Photos from Zakopane...](#)

The following students were awarded with \$ 1000 grant.

First Name	Last Name	Level	City	State
RIONNA	FLYNN	12	SAN JOSE	CA
MATTHEW	HASE-LIU	12	SUNNYVALE	CA
PRANAV	LALGUDI	12	SUNNYVALE	CA
LUKE	MARTIN	12	TUCKAHOE	NY
MACIEJ	WLODEK	12	STONY BROOK	NY
ALEC	SUN	12	LEXINGTON	MA



Next Math Kangaroo Day:

Thursday, March 15, 2017

(Guam: Friday, March 16)

[Registration link](#)

from **October 26 to December 15, 2017** – subject to place availability. Register early because places fill up quickly.

Schools are welcome to join us **until December 1**.
If interested, send e-mail to info@mathkangaroo.org

Plenty of free practice material can be found in **Practice Materials** section on our web page.

MEMORIES from 10-days Math Kangaroo International Math Camp at Zakopane, Poland

Each year Math Kangaroo winners from levels 9 and 10 are awarded with an international mathematics camp in Zakopane, Poland. The top achievers from several countries meet there for 10 days to explore math and the region. The camp is 100% sponsored by Math Kangaroo.

Our organization officers: Mrs. Joanna Matthiesen, CIO and Mrs. Grazyna Zmyslowski, State Director were the group's chaperons.

We are glad to share memories of American students who went to Zakopane in August.



STYOPA ZHARKOV
Manhattan, KS

Zakopane math kangaroo camp was a great experience and an excellent opportunity to learn some math. I joined team USA a day after the rest however they quickly accepted me as one of their own. On the first day I understood that the food will be delicious, everyone went crazy for the kompot. My personal favorite was the chicken they gave us. The first excursion mostly consisted of talking only within the teams as most were still adapting. In the following trips the English speaking group moved as one big team.

At the lectures the whole US team sat at one table for seven people. Some of the lectures were really interesting, of which I really enjoyed the one about set multiplication. The "sports" competitions were really fun and intense, especially the table fusbball. In the free-time we met new people and played games.

Every night the whole team would collect in our room (312) and play games such as one night Werewolf, Resistance, Prez, or, Salem. We tried our best to be quiet, but every night (except that one lucky night) someone different would tell us to be quieter. I'm fairly confident that we were remembered as "the loud team". We did, however, meet lots of friends from the Lithuanian, Ukrainian, and German teams. The closing talent show was something we could not find an idea for, so we ended up singing, which was surprisingly not bad giving us third place. The staff and team advisors were really nice. The math problems were fun. Overall Zakopane math camp is definitely something I won't forget.



JENNIFER GAO
Clemson, SC

The Math Kangaroo camp in Zakopane was by far one of the best experiences in my life. It was a perfect blend of social time, math, and tourism. I feel very lucky to have been a part of this experience along with the rest of team USA.

I really enjoyed the math lectures; they exposed me to topics that I have not seen before. Also, being able to exchange different ideas with other students, especially ones from other countries, was very educational.

I also thoroughly enjoyed the activities planned out. The entire camp was run on a great schedule, and the chaperones were amazing. The touristic activities which included visiting Krakow, touring a salt mine, and hiking the Tatry region were great for getting a taste of Poland. Finally, I loved getting to know my fellow teammates on team USA and people from other countries. During the free times, we bonded over games and conversations, and I will be forever grateful for the friendships that I made.

Overall, the Zakopane trip was well worthwhile. I would like to thank Math Kangaroo for this amazing opportunity, and I would definitely recommend this trip to others who will get the chance.



Opening Ceremony in Zakopane.

Chaperones with students on the Chicago International Airport.

KANGAROO
MATH CAMP
ZAKOPANE 2017
7 - 18 August

Flight from USA to Poland.



SANATH GOVINDARAJAN
Exeter, NH

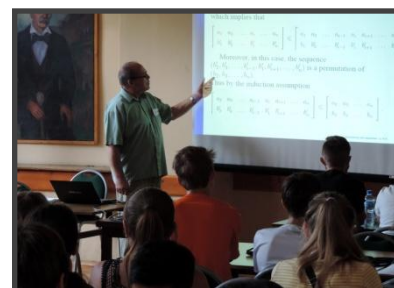
We flew from Boston and met the other participants in the Chicago O'Hare airport. We were excited about the impending trip. We introduced ourselves and started playing board games and cards. The flight to Warsaw was long, but it was exciting traveling so far with friends and without parents at the same time. In Zakopane we had hot soup for lunch and dinner which I liked very much.

In the salt mines, some of us ate the salt and then had to drink a bottle of water to get rid of the thirst!

Hiking was a new and fun experience for me. The gravity toboggan slide zoomed down the mountains gathering a lot of speed. The bread and cheese tasted different but good.

I learned a lot and enjoyed the classes and exams. Some problems we had to solve had multiple solutions, which we discussed afterwards.

Zakopane was such a memorable trip!





ARI XUAN
Boxborough, MA

I had a great time at the Math Kangaroo camp in Zakopane. Whether I was studying math, climbing local mountains, or playing cards with friends, I always had a fun time. Our math studies were interesting. We learned about not only 'regular' math, but also mathematical puzzles such as the Kakeya needle problem.

While at the camp, we went to several different tourist attractions. We hiked mountains with great scenery, took tours of underground caves, and visited downtown Zakopane.

Though some of our activities were physically intense, they were all worth it in the end. All these activities were great, and they were only improved by the sense of community in the camp.

For me, the highlight of the camp was the opportunity to meet new people and make new friends. Everyone I met at the camp was friendly and open. With the rest of team USA, we had some unforgettable experiences. I consider myself lucky to have met such talented and vivacious people.

Overall, the camp was very fun. We had lots of great moments and lots of new and exciting experiences. I'd like to thank everyone from the bottom of my heart for making this camp so enjoyable.



Whole group of Math Kangaroo Camp in Zakopane.



CAMIL SUCIU
Grand Rapids, MI

Going to Zakopane was quite beneficial for me as I came back with great memories and made many new friends. Upon arriving there, I was not sure what to expect and to be honest I was slightly nervous. I was jumping straight into a new experience which I had never been through before, however I ended up having more fun than I expected by far.

Each day we had some kind of trip which would last from just after breakfast to lunch and while some of the hikes were grueling in the burning sun,

the excursions we went on were varied, from cities to mountains to even a salt mine. These outings would last anywhere from a couple of hours to half a day, but were good group-bonding activities and were quite interesting.

In addition to these trips we also had math lectures which were interesting and a final math contest which had challenging problems reflecting what we had learned in the lectures but the highlights would have to be the games. There was a wide variety of interesting games in the main room which helped bring campers from all over the world together. The tournaments held for a few of these games helped keep them interesting by adding a competitive element as well as promoting teamwork in foosball which was a tag team tournament.

However, the main attraction for me when it came to games were the card games the USA team played mostly by ourselves and occasionally with others. We spent a large part of the camp playing cards and went through a variety of different games which we learned from several people on the team. While this was mostly a team USA activity, it helped our team bond together much better than anything else and proved to be a lot of fun.

Overall, the whole camp was a blast and I would definitely recommend it to anyone considering to attend it.





ARPIT RANASARIA
Redmond, WA

The Math Kangaroo Zakopane, Poland camp was a once-in-a-lifetime experience for me. It was filled with breathtaking scenery, puzzling math problems, bonding with people all over the world, hilarious pranks, and fun nights with friends.

Over the ten days in Poland, I made some great friendships, both with the rest of the US team, and people from other countries.

The math was challenging and required you to look at the same problems in different ways.

I learned problem-solving strategies that were so unique I don't think I would have ever come across elsewhere.

And so, while the math was amazing, the social parts were just as fantastic. I will never forget the late-night games of One Night Werewolf with the Americans, playing Bridge with the Poles, singing with the Lithuanians, or struggling to pronounce random, obscure words with the Germans (such as Eichhörnchenschwänzchen). I connected personally with many of the people there, opening myself and my secrets to them, and that just made the goodbyes at the end harder.

Overall, our amazing chaperones, Joanna and Grazyna, made this one of the most memorable experiences of my life.





NICHOLAI DIMOV
Short Hills, NJ

Overall, the summer camp was consistently amazing - I enjoyed every minute of it!

When I first heard about it, I had no idea what to expect in Poland. But on the first day, I realized what a beautiful place it was which we were invited to enjoy for 10 days.

The stunning mountain hikes and intriguing history were indeed awesome beyond any of my expectations, but more so all the new people I met there. Even though I arrived separately from the main group, Team USA welcomed me

very well and we subsequently had many fun nights playing together after the activities of the day. Every single one of them was a pleasure to get to know as well as hang out with. Well, actually, everybody from all of the seven other countries was equally welcoming and friendly. Many told me about the customs and culture of their country.

In the evenings when everybody got together to play games as well as their tournament matches, I learned quite a few games of different countries, again simply having a fun time bonding with people I wouldn't have otherwise ever met. The couple hours of math lectures were also really interesting, but my love for this camp comes from the friendships and fond memories I made. If only it was longer...

Thanks to the entire Math Kangaroo team for running the competition and camp!





DANUSH CHELLADURAI
Shrewsbury, MA

When I first received the invitation to attend the Zakopane math camp, I was a bit of a skeptic. I didn't really know what to expect from the setting, the other people and the level of engagement the camp would provide. However, looking back upon it all now, I wouldn't take anything of it away. It was one of the greatest experiences of my life, and I will always keep it with me.

I arrived at the airport with a quiet group of nine other kids, most of whom were on their phone (myself included), probably to avoid conversation.

But, on the bus ride there, things began to click, and after a few games of Contact, we finally began getting to know one another. As time went on, they went from people I barely knew, to those with whom I could laugh and make inside jokes with.

But, I also learned a lot from the camp, both through the great teachers there and the diverse group of students from all across the world. We would attend math lectures every other day, and although it was sometimes hard to understand with the accents, one of the lectures truly captivated my interests for the whole 75-minute slot. Accompanying these lectures, we were given a series of problems/proofs that were distributed at breakfast time. Some of these problems were so stimulating that we had some kids that wouldn't even eat breakfast because they were thinking about the question in front of them.

We also went on multiple "excursions" into the Tatra mountains and got to see the beautiful views that each location had to provide. Each location had its own little fun segment, such as Krakow's cloth hall where you could buy some souvenirs of the local legend, the Wawel Dragon. Then there was Wieliczka's store of anything and everything incorporated with salt. There was almost never a lull at any given time during these trips, whether it was talking about DC and Marvel on the way to a ropes course, or talking about radioactive snails inside a cave.

But there were also other things that we did while inside the hotel we were staying at. We had sports tournaments of foosball, table tennis, and chess,

Where we got to play for our country, facing off against all the others, much like the Olympics.

On one day, we had a "fun mathematics" session where we got to play with an array of puzzles laid out on a laden table in front of us. And when we weren't at one of these sessions, games, or at a meal, we would be playing games of Prez, One Night, and Salem.

I would like to thank both Grayzna and Joanna for doing an amazing job of keeping a rowdy bunch like us under control for the whole duration of the trip. They helped create friendships and memories that I hope to never lose.

Overall, it was a great experience that I would recommend to anybody that is invited to take part in the camp.



VINCENT TANG
Las Vegas, NV

I earned this once-in-a-lifetime trip, and it was the best 10 days of my life. There was plenty of new things to do, and it was very different from home, having been used to little rain and no farming. I also made new friends (although most of them were from the States), and learned to play new games, such as Salem.

The mathematical part of this camp was also interesting, and mainly focused on new topics that one wouldn't find on the Math Kangaroo USA competition often.

The hikes had beautiful scenery and even an icy cave! The excursions involved a half-day tour of the salt mine, and a half-day tour of Krakow, which had many old buildings, but full of history.

The most interesting part, however, was when I found out that horse carriage was still a method of travel, in Koscielisko Valley and Krakow. On a sidenote, I discovered that I am a pro at table foosball.

Thank you Math Kangaroo and all the wonderful camp staff for organizing this awesome trip!



SHREYAA RAGHAVAN
Sharon, MA

From hiking through the Tatra Mountains to playing Werewolf until 1 am in the morning, my trip to Poland has been one of the most memorable experiences ever.

I've never been much of a nature person, but the hikes, while they were hard and exhausting, were definitely worth it to see some of the most beautiful views I've ever seen!

We also visited the Wieliczka salt mines, spent a day admiring Krakow and its beautiful cathedrals, and went to the street Krupowski, where we found

numerous knick-knacks and souvenirs to bring back home. Playing contact the whole time while during hikes and bus rides was an enjoyable part of the trip. I especially miss the carefree evenings and nights spent playing President, Salem, and Werewolf or in the games room watching the table football, chess, and ping pong matches. I also grew to really enjoy the food in Poland albeit being a bit different compared to the United States.

In addition, the math played a pretty decent role during our time at Zakopane. I learned a lot during the lectures, especially collaborating with the teammates at my table, and the material covered was unlike anything I've ever encountered before. Being my first international camp, the language barrier was at first terrifying to overcome, and yet, I became close friends with attendees from other countries, like Lithuania, Poland, and Germany. Learning about different cultures, social norms, and lifestyles of other countries became one of the most precious experiences I gained from this trip.

I am so grateful to everyone I met on this trip, including every person on the US team because I got to spend 10 unforgettable days with them. Our chaperones, Joanna and Grazyna deserve the biggest thanks in the world for dealing with all of us and planning our trip very well while we were at Poland! Thank you for an amazing experience!



ANURAAG MADABUSHI
Houston, TX

The experience I had at this year's Zakopane camp was amazing. The ten days I spent in Poland were some of the best of my life, and I loved being a part of Math Kangaroo's team USA.

*I was stunned by the beauty of Poland. It was picture perfect. On our second day of the camp we hiked up the Nosal hill to see a breathtaking view. But it didn't stop there – in the days that followed, we saw the hollowed caves of the Wieliczka salt mines that looked like something out of *The Lord of the Rings*. We trekked up the Gubatówka mountain*

and down to the Koscieliska Valley, marveling in the natural beauty. We even got a chance to view the history of Polish kings of the past in Krakow.

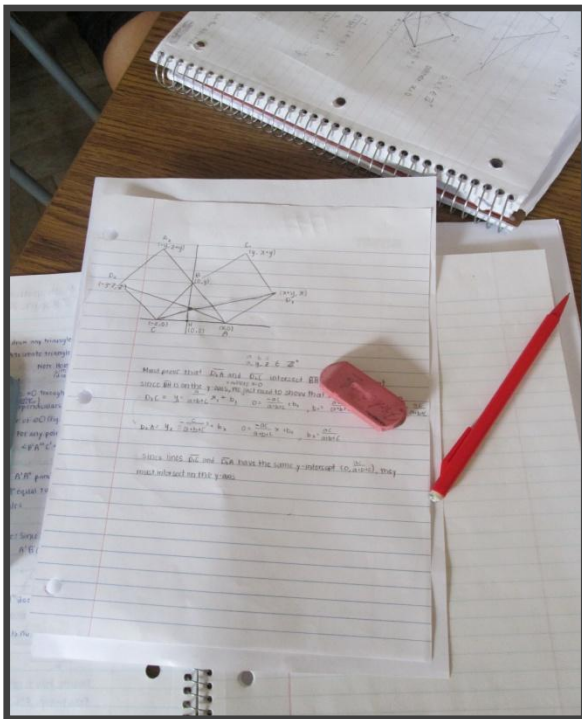
I also learned a lot from the mathematical lectures and from my peers. We had nearly 12 hours of mathematic discussions on various topics and additional problems to help us cement our knowledge, where I learned about geometrical formulas and methods of approaching proofs. In the morning, I would always look forward to the daily problems that would challenge us to use our whole arsenal of mathematical tools. I can say without a doubt that the camp was one of my most thought-provoking ventures.

On our journey to Zakopane, I met 10 other students just like me. However, the trip was marked with silence, as none of us knew each other. But as the days progressed, the strangers I had met quickly became my good friends – through working together on math problems, playing games, listening to music and sharing conversations. Every night, I would look forward to play variety of games that we learned from each other: Salem, President, One Night Werewolf, Contact, and Coup (but not Resistance). More often than not, we would be forced to go to sleep! Even now, my friends and I are keeping in contact; we just shared photos of the recent eclipse!

My favorite part of the camp was the talent show. The days leading up to the show, we remained divided on how to do a group performance. We considered plays, short comedic scripts, some songs, and even a few unconventional ideas like John Cage's 4'33". On the day of the talent show,

we were still undecided, and worse yet, unprepared. Finally, we all agreed to sing "Hey There Delilah" by the Plain White T's. Within 30 minutes, we rushed to practice and memorized the lyrics, and we nervously rushed downstairs to the Young Talents Competition. Because the USA is last alphabetically, we waited anxiously, watching the excellent performances of other countries until our time finally came. With the guidance of our brave leader Arpit, we stood up and sang our song. The following day, during the Awards Ceremony, we were all ecstatic when we were announced to have won 3rd place in the Talent Show!

I am very grateful to the organizers of Math Kangaroo for giving me this wonderful opportunity. Ms. Joanna and Ms. Grazyna were great chaperones, and they made sure all our days were filled with exciting adventures, discoveries, and ice cream. This camp was an awesome time for me in both mathematics and memories made, and I am sure that my fellow Team USA members and I will cross paths again!



Reflections about Math Kangaroo Competition



RIONNA FLYNN, CA

Math Kangaroo was the first math contest I ever participated in. Through taking the contest as an elementary schooler, I gained confidence in my problem-solving abilities. The problems enhanced my logic reasoning and creativity and sparked a passion for math. The thrill of the competition, the challenging problems, and the potential rewards kept me coming back to the Math Kangaroo contest year after year.

One of the best rewards I have received was the chance to be one of seven students representing the US to the 2014 International Math Kangaroo camp in Zakopane, Poland. Our activities included challenging math lectures, hiking in the beautiful Tatra Mountains, and touring historic places. And of course, we played a lot of games and had a lot of fun. Those two weeks were some of the best of my life.

My passion for math, sparked from my first forays with Math Kangaroo, continued in high school with many more contests, such as the AMC series, AIME, and USAMO. In 2016, I was invited to the Math Olympiad Program (MOP).

The Math Kangaroo program enhanced my love of problem solving and helped set me on the path to a future career in STEM. This fall, I am joining the MIT class of 2021, hoping to major in physics or computer science. My interests are primarily in the fields of machine learning, quantum information theory, and quantum cryptography.

I would encourage all students to participate in Math Kangaroo to further their problem-solving abilities and experience the joy of math.

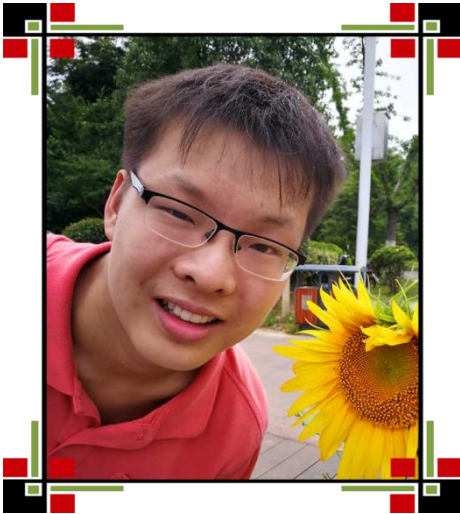


LUKE MARTIN, NY

My parents encouraged me to keep participating in Math Kangaroo.

I enjoyed the types of questions on the tests. They felt more like puzzles than test questions and I would like to see more questions of that type in other competitions.

I would recommend others try this competition – the questions are approachable and it is a good competition for those who are starting math competitions.



ALEC SUN, MA

I enjoyed participating in Math Kangaroo for several years. The problems were almost puzzle-like in nature, which doesn't commonly appear on other high school math contests.

I remember going on Math Kangaroo-sponsored trip to Poland some years back to Krakow and Zakopane, both beautiful cities! During the trip I got to meet a lot of international students also doing Math Kangaroo.

I would definitely recommend taking Math Kangaroo; after all, the test is only about an hour of your time.

This year I am a freshman at Harvard University, and I plan to study math and computer science. I'm definitely not set on my career, but some hopes include pursuing academia in theoretical CS or working at an AI company.



PRANAV LALGUDI, CA

The Math Kangaroo competition was very valuable for me. The problems were enjoyable to solve, as they primarily required logical insights and intuition, as opposed to complicated theorems or formulas. The nature of the problems kept me coming back each year, as I thoroughly enjoyed the mental exercise they offered.

Through this program, I was able to train my problem solving skills and get engaged in mathematics. I would certainly recommend it to others, as it is a great way to enjoy the beauty of mathematics.

I will be attending MIT this fall, and will be studying biology to pursue a career in research, although I will also be studying data science as well.

Thank you so much for everything! I truly appreciate the opportunity you have given all of us interested in mathematics!



MACIEJ WLODEK, NY

I started participating in Math Kangaroo when I was in second grade, and I've participated every year since then.

Being in this program for so many years has been very rewarding. I have learned a lot from it, and not just about mathematics. Participating in Math Kangaroo has taught me how to stay motivated and keep a competitive edge. I think math competitions are a great way to expand one's creativity and critical thinking skills. They are also very helpful in improving one's test taking skills. I would definitely recommend anyone interested in mathematics to try taking part in Math Kangaroo.

This fall, I will be attending Stony Brook University to study computer science and mathematics on a double major.



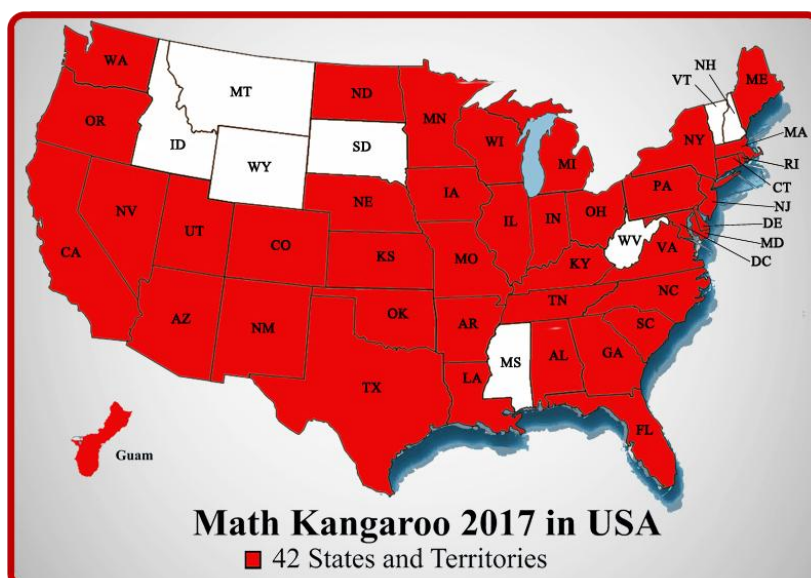
MATTHEW HASE-LIU, CA

Math Kangaroo was one of the most entertaining and well-organized math contests I completed in throughout middle school and high school.

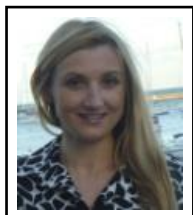
I especially love the format of the problems and how the wide variety of them -- from very simple to incredibly challenging and by spanning all sorts of topics -- encourages everyone to partake in this competition.

I can't recommend this contest enough to anyone interested in math; it's very accessible and undoubtedly fun, even if you're not too familiar with contest math.

I plan to study math and CS at Harvard but don't have any focused career plans beyond that.



Math Kangaroo 2018 Poster Contest



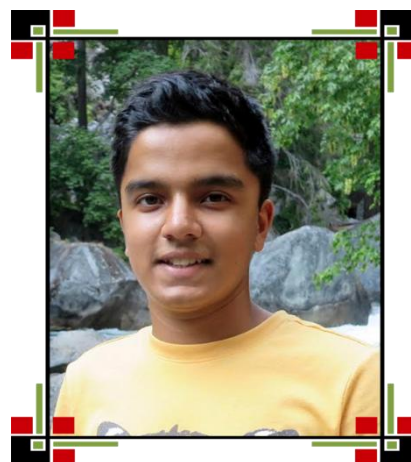
Joanna Matthiesen, CIO

Math Kangaroo 2018 Poster Contest was an exciting event. We received 118 posters from different parts of US. 12 posters were made by adults and the rest from school children from 21 different US states. There were 58 posters from MD state, 13 from CA state and in other states less than 10 people participated. The endeavor of choosing best poster wasn't easy as there were a lot of great entries in this pool. We have picked many favorites, looked at them and made our final decision. We are grateful to all talented artists, students and adults who showed an engagement in this event that is in some way an extension of the international Math Kangaroo Competition.

Best Poster went to **Archit** from **Dublin, CA**. Archit was a 7th grader during the poster submission time. He received \$250 Amazon gift card and the Best Poster Winner certificate.

And these are few words from Archit: *"Hello! My name is Archit Kumar, and I love drawing cartoons and comics. I've been drawing my own cartoons since I was in kindergarten, but I'd never really had the opportunity to share my art with the world. Therefore, when I learned about the Math Kangaroo poster contest earlier this year, I was on board immediately! My poster helps reflect the fun, playful side of math, the one that the Math Kangaroo is built upon. The smiling kangaroo symbolizes the joy of math, while his chef hat and apron represent the creative, logical side of things. Plus, I just couldn't resist including the pun about 'pi'. I am currently an eighth grader living in the*

California Bay Area. In the future, I plan to become a cartoonist and an author, since writing is the one subject that fascinates me just as much as math. To me, one of the most important things in life is to do what you love, and not to worry about what others think about you. This phrase has helped me a lot in life, and I think about it whenever I see people at my school becoming self conscious or succumbing to the influence of others. Overall, I hope my poster will help people understand that math isn't just about dull facts and numbers, but about fun and creativity.



ARCHIT KUMAR

Congratulations to Archit for his winning entry for our poster contest! He did a terrific job of capturing the essence of our mission in an attention-grabbing and humorous way. Watch for flyers in the entire US featuring Archit's poster.

And here is the winning poster!



There were so many other wonderful posters submitted for the contest that we decided to honor a second student who designed a kangaroo using various math symbols in his depiction. The design was greatly appreciated and voted by the Math Kangaroo jury as **Best MK 2018 T-shirt Design**. The person that made this interesting design was **David C Wong**, a 6th grader from **Chicago**. As a token of appreciation he was awarded \$50 Amazon gift card and Best 2018 T-shirt Design Certificate.

Again, congratulations to the winner and all the other presenters who made this event so enjoyable. All participating students received an electronic Math Kangaroo Best Poster Participation Certificate by email. All the posters are still accessible online at this link [here](#).

We have already started a new contest for [Math Kangaroo 2019 poster](#). Please check our website for the information

Math Kangaroo in USA
invites participants
wishing all

HAPPY
THANKSGIVING



www.mathkangaroo.org

We would like to thank our friends and promoters.



Please contact us at info@mathkangaroo.org if you or your organization are interested in supporting our endeavor.

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