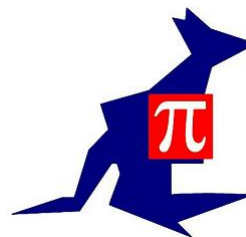

Math Kangaroo Bulletin



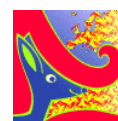
The bulletin of Math Kangaroo in USA, NFP

Volume X, Issue 1 - Fall 2019

www.mathkangaroo.org



Maria Omelanczuk,
Chief Executive Officer



KANGOUROU SANS FRONTIERES

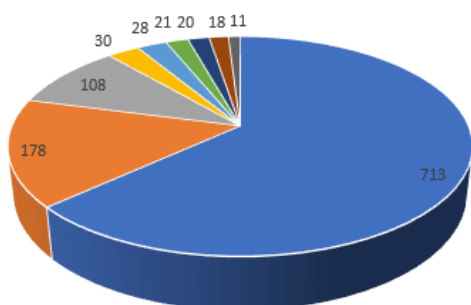
It has become our tradition to present our bulletin right around Thanksgiving as our thoughts are with all who have been supporting our venture of helping students love math nationwide.

The next Math Kangaroo Day is scheduled for Thursday, March 19, 2020. Math Kangaroo is a game-like competition which takes place in more than 80 countries worldwide.

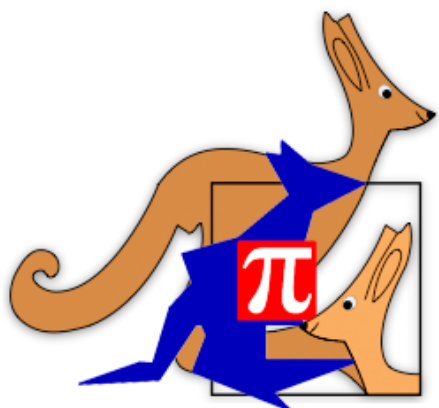
Parents enroll their children not only to compete but also to learn. Our video tutorials are available for free for all registered students from the day of registration to the end of the summer. The competition questions are both fun and engaging.

As of the middle of November 2019, the list of Math Kangaroo hosts looks as shown below:

Institutions hosting Math Kangaroo in USA



Name	Number of sites
After-school programs, ethnic schools, clubs, home school co-ops, ...	713
Schools and school districts	178
Russian Schools of Mathematics	108
A Grade Ahead	30
Polish schools	28
Universities	21
Curie Learning	20
Libraries	18
Eye Level	11



XXVII Annual Meeting of the Association Kangourou Sans Frontières

Chicago, USA

OCTOBER 16-20

2019



*Association Kangourou sans Frontières after selecting questions for Math Kangaroo 2020
in Chicago, October 16-20, 2019*

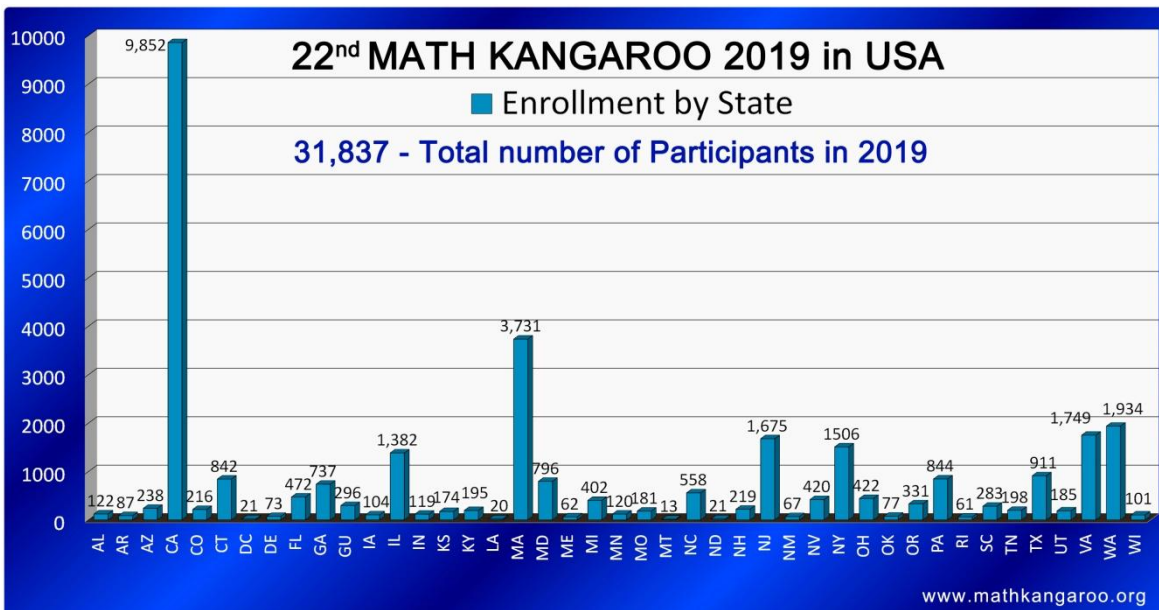
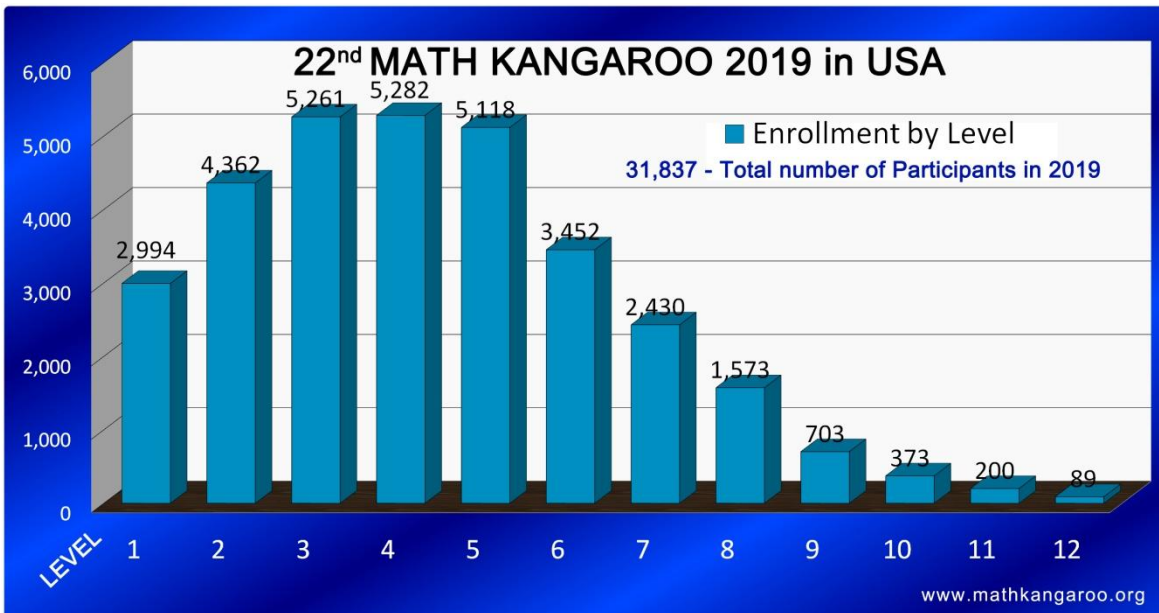
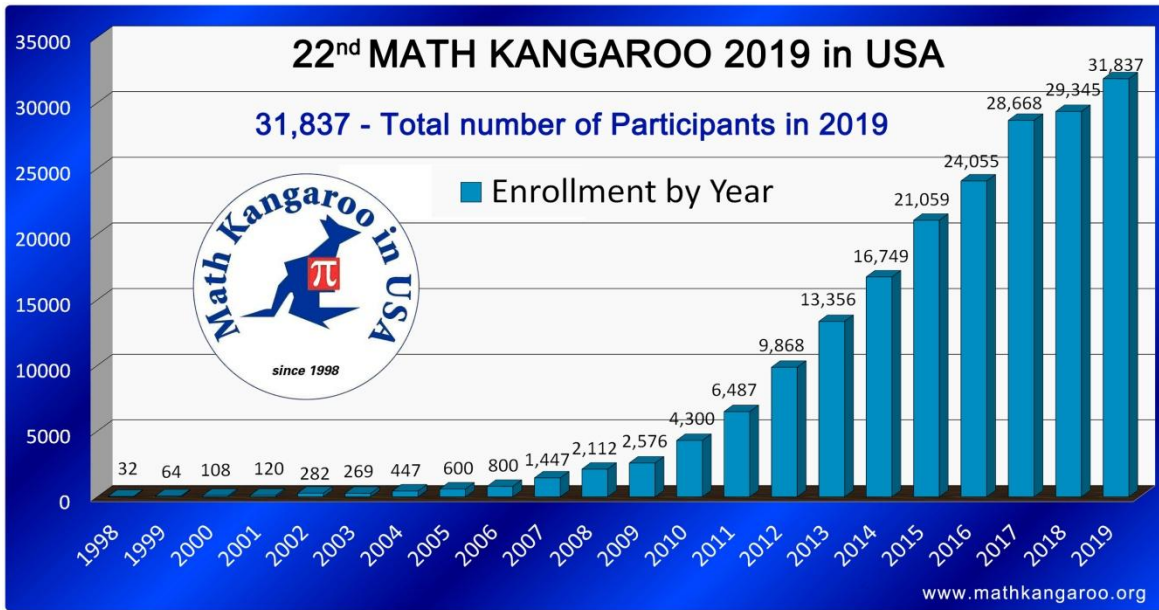
[Register your child today!](#)

[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](#)





[More metrics...](#)



**Izabela Szpiech,
Chief Financial Officer**

With a great pleasure I would love to present all Math Kangaroo 2019 winners, but how? The list of the laureates is too long. There were FOUR THOUSAND FOUR HUNDRED FORTY FOUR National Winners, what a number, **4444!** As a result, the number of winners increased by 17% compared to the previous year. Similarly, the number of the awarded at the state level students was 1811 this year compared to 1647 in 2018. Please visit our web page for detailed list of our champions and awards they received: [Winners and Awards](#)

Congratulations one more time to all our brilliant participants! Some of them deserve a special recognition; those are our student who left the Math Kangaroo after participating in it for the several consecutive years with an excellent result, year after year. Hard work pays off; they all were accepted by the best Colleges and Universities in US. Here you are, the recipients of MK college grants and special recognition monetary awards:

STUDENT NAME	CENTER NAME	STATE
Jeffery Li	PUSD and Thomas Hart Middle School	CA
Raymond Feng	Gifted Math Program at University at Buffalo	NY
Vincent Bian	Land of Pi Rocky Hill MS	MD
Benji Kan	RSM Naperville	IL
Gregory Zelevinsky	RSM Sharon	MA
Shreyaa Raghavan	RSM Newton	MA
William Wang	Mazuma Perfect Tutors	KS
Jonathan Shoemaker	Mathnasium of Georgetown	TX
Kevin Grosman	Champaign Urbana Math Circle	IL
Lucy Ward	Bountiful High School	UT
Mathus Leungpathomaram	Oregon Athletics	OR
Vincent Tang	Coral Academy of Science Las Vegas	NV
Akhil Kondepudi	St. Louis County Library Grand Glaize Branch	MO
Anuraag Madabushi	RSM Houston	TX
Daniel Palamarchuk	RSM Ashburn	VA
Nathan Shan	Takoma Park Middle School	MD

Good luck at College and with pursuing dreams to all MK graduates!

This year prizes, as usually, included the International Math Camp in Zakopane. The group of 10 students from grades 9 and 10 flew to Poland to join MK laureates from other countries. Who is awarded with the Camp? The 9th and 10th grade students who have been competing in MK for several times and had excellent results.

But nothing would be possible without the parents' trust in our program and their enormous contribution. We also thank you for supporting our organization by selecting Math Kangaroo as a Charity while shopping at Amazon Smile or contributing through your Corporate's Charitable Program.

Every penny counts and is appreciated.

At this point, I am honored to recognize the Mom of our two former participants and multiple winners, Christopher and Michael Rupprecht, Mrs. Yelena Bobrovskaya.



Mrs. Yelena Bobrovskaya, our program's great Promoter, who even when her sons are no longer with us (both are pursuing their own careers, Mike in Math and Christopher in Economy) still remembers and admires Math Kangaroo program and supports the organization with very generous donations.

I allow myself to cite Yelena's words: "Math Kangaroo is a community like a family", "Also this is in memory of my mom Maya who also loved your competition, and always was coming for awards ceremony. You are doing great, great job, wish you best of success!"

We cannot be more pleased, Dear Yelena. Thank You for remembering and thank You for your gesture, it makes a difference for many students who want to experience Math Kangaroo Competition.

And just few reminders:

Participation fee is \$21.00. We provide discounts to families upon request, some evidence of the need of financial assistance is required. Please contact me at izabela@mathkangaroo.org.

Math Kangaroo is open to all children regardless of their school grade, level and math ability, or socioeconomic background, each donated amount helps us to accommodate children whose families struggle financially. If you feel like you can contribute to our activities, here is the link to our [Donation Page](#), we welcome and appreciate any amount. Also, when you shop on AmazonSmile, the AmazonSmile Foundation will donate 0.5% of the purchase price of eligible products to the charitable organization like Math Kangaroo. No additional fees or payments are involved. Here is how to use Amazon Smile: Sign in to smile.amazon.com on your desktop or mobile phone browser. From your desktop, go to Your Account from the navigation at the top of any page, and then select Math Kangaroo in USA, NFP to support.

Thank you for being with MK and join us if you are not with us yet!



**Magdalena Teodorowicz,
Chief Design Officer**

The following students were awarded with the International Math Kangaroo 2019 Int'l Camp in Zakopane, Poland in August.

Student Name	Level	City	State
Alex Gu	9	CHANDLER	AZ
Eric Chan Lee	9	TALLAHASSEE	FL
Justin Yian Li	9	OVERLAND PARK	KS
Andrew Wai-Keong Lee	9	BROOKLINE	MA
Garima Bansal	9	GLEN ROCK	NJ
Saathvik Selvan	9	FALLS CHURCH	VA
Sejal Rathi	9	PLAYA VISTA	CA
Sophie Wu	10	CUPERTINO	CA
Andrei Mandelshtam	10	FREMONT	CA
Srivasudha S Ramanujam	11	BELLEVUE	WA

[Photos from Zakopane 2019](#)

Memories from Math Kangaroo 2019 and 2018 Winners of 10-days International Math Camp in Zakopane, Poland



Garima Bansal
Glen Rock, NJ

participant of the camp Zakopane 2019

The International Math Kangaroo Camp was an unforgettable experience.

It was very fun to meet people from so many different countries. Talking to them, I learned so much about other cultures and made many friends. During the math lectures, we were shown how to solve problems using interesting techniques. We also solved a lot of logic puzzles/games that were very enjoyable.

The views during the many hikes were gorgeous and I had a great time visiting Krakow and the Wieliczka Salt Mines. It was very interesting to see the national parks of Poland and ride a ski lift down a mountain. During our trips, I also got to try Polish snacks, which were different and very delicious.

Getting to know the other attendees was super fun, whether it was going on candy runs to the nearby supermarket, going to a Polish escape room, playing tons of card games, or trying to play baseball with a ping pong ball and paddle.

I am very grateful for our chaperones and the Math Kangaroo organization. Thank you for the wonderful opportunity!



From the left: Saathvik Selvan, Alex Gu, Kasper Kubica (chaperon), Srivasudha Ramanujam, Kris Kubica (chaperon), Sophie Wu, Eric Lee, Justin Li, Andrew Wai-Keong Lee, Garima Bansal, Sejal Rathi



Sophie Wu
Cupertino, CA

participant of the camp Zakopane 2019

The Math Kangaroo camp in Zakopane was a great experience where we not only learned math but had the opportunity to interact with people from different countries and cultures. The hiking trips were a fun way to go outside and explore the national park nearby. Most importantly, I made a lot of friends that I'll stay in contact with!



Justin Li
Overland Park, KS

participant of the camp Zakopane 2019

Thank you so much for the wonderful opportunity at the Math Kangaroo Camp in Zakopane. I had an amazing experience at the camp and met many new people from a variety of countries. I played lots of games with students from both the United States and from other countries, including various card games, sports games like ping pong, and frisbee.

The mathematical experience was really interesting and I learned all types of new things in subjects like equidecomposability and geometric probability. The lectures were really stimulating and I gained a lot of new knowledge. Additionally, the mathematical competition were really fun and solving the problems in the competitions was really enjoyable.

Aside from math, the daily hikes were refreshing and it was very fun being in the beautiful Polish mountains and visiting scenic areas with breathtaking views. Visiting the salt mines as well as the city of Krakow were fun adventures that I wouldn't be able to experience without this trip.

Overall, the entirety of this trip was amazing and I loved participating in it. I had lots of great memories at the camp, and I will warmly remember this experience.



Sejal Rathi
Playa Vista, CA

participant of the camp Zakopane 2019

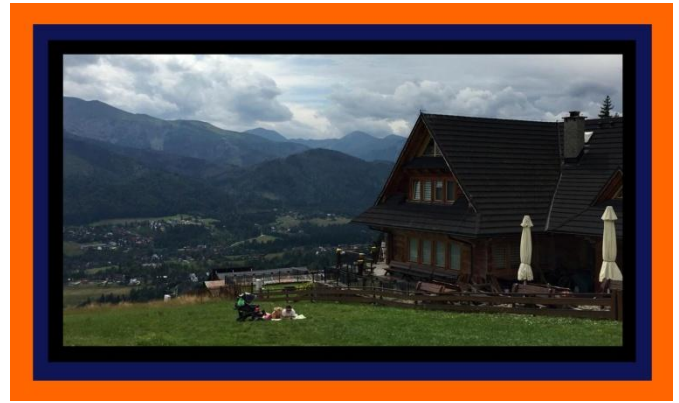
I was really fortunate to be invited to Math Kangaroo Summer Camp held in Zakopane. My experience was absolutely amazing. There were 10 kids from US and about 50 from other countries, such as Lithuania, Germany, and Poland. It was a wonderfully planned trip that involved daily fun hikes and activities, learning about different cultures and food, math lectures in evenings and getting an opportunity to interact with math enthusiasts from different parts of the world.

Our daily hikes were exhausting, but were lots of fun. I was stunned by the beautiful views, and every hike would seem more picture perfect than the last. After dinner, we would often go into town and explore shops and food stalls in town, which had some of the most delicious desserts I have ever had. Every night, we would get to talk to people from so many different countries and would play a variety of different games, or just hang out and get to know each other. We also visited the Wieliczka salt mines and explored the beautiful city of Krakow, and learnt fascinating history about Poland and its kings. On the weekend, we also had the chance to visit an escape room and everyone's love for problem-solving made the experience so much fun.

Although at first it was intimidating to interact with people from other countries because of the language barrier, we soon became close friends with people from other countries, such as Lithuania, Germany, and Poland. The camp taught me so much about cultures and countries I wasn't very familiar with, and I will cherish forever the memories that I made there.

I will always remember playing ping pong for over 6 hours on the last night of the camp, despite having to wake up early, just to make every last moment we had in Poland was worthwhile.

I am so grateful to Math Kangaroo for the amazing opportunity and to our chaperones for always looking out for us, participating in our questionable games, and introducing us to some delicious Polish chocolate. The camp was one of the best experiences of my life and I am sure the memories and the friends I made will last forever.



AT THE TOP OF GUBALOWKA.

Gubalowka is a mountain in the Gubalowka Range, above the Polish town of Zakopane.



WIELICZKA, Salt Mine
Srivasudha Ramanujam and Sejal Rathi



KRAKOW (CRACOW),
the second largest and one of the oldest cities
in Poland



EXCURSION TO KOSCIELISKA VALLEY,
Eric Lee, Andrew Lee, Justin Li and Saathvik Selvan



CLOSING CEREMONY



Samuel Lerner
Brookline, MA

participant of the camp Zakopane 2018

Math Kangaroo camp in Zakopane is truly a once in a lifetime experience.

This is not anything reminiscent of a typical summer camp that your parents sign you up for. None of us had even heard of each other before going to Poland. However, between mountain hiking, visiting Polish landmarks, and engaging in math lectures, the U.S.A. team was able to form a strong bond.

Most days began with a hike in the Tatra mountains which was scenic but challenging. My favorite hike was up to Black Lake below Mt.Rysy. It was surrounded by mountain peaks and clouds, making for a picturesque setting.

We also had excursions outside of Zakopane. One day we went on a historic tour of the old city of Krakow, focusing on the kings of Poland that once lived there and its many churches. My favorite excursion was to the Wieliczka Salt mine, where we saw the ornate cathedral carved deep within the rock.

In the afternoon we had math lectures taught by esteemed Polish professors which covered a variety of seemingly unrelated but deeply interconnected topics. The day usually concluded with either games hour or a whole camp cookout. One of my favorite experiences was to sample local Polish food, including Oscypek cheese, the regional specialty.

I never knew that learning math could get you to such experiences. Keep competing in Math Kangaroo; it is a great opportunity to meet others interested in math from around the world and to experience Southern Poland.



Alex Hu
Tallahassee, FA

participant of the camp Zakopane 2018

the amazing mountains and natural scenery around us. Then of course, there was math in the afternoon. The teachers were all very knowledgeable and the different concepts they taught us were very useful for future math competitions.

The Zakopane math camp provided a unique experience that I wouldn't be able to get anywhere else.

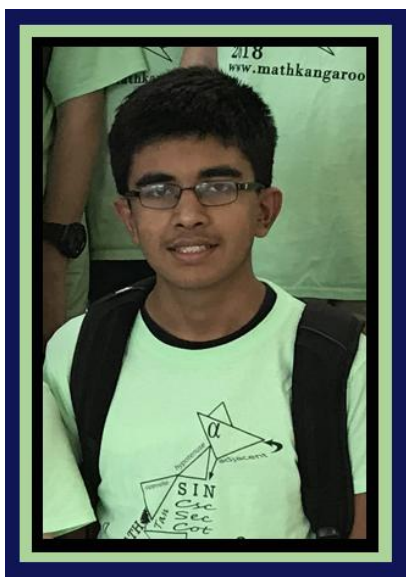
This was my first time in Poland, and even my first time in Europe so being surrounded by a vastly different culture than ones in the US was very interesting.

This camp was a lot more than just math, and activities like ping pong, foosball, poker, mafia, and other random activities made this camp really enjoyable. Almost every morning, we had hikes along trails and we got to see

Going to Zakopane this summer has been a great experience that I will never forget.

I enjoyed meeting a lot of people from across the world who shares my passion for math. Each day we went on an excursion or took a hike. Although hiking through the Tatras mountains was difficult, I enjoyed the scenic views at the end. One of my favorite trips was to Krakow. I enjoyed learning about the history of Poland and going to the salt mine.

The math lectures were very interesting, and I learned a lot. The math problems we got every morning were a nice way to start the day. I liked the math competition because the problems were thought provoking.

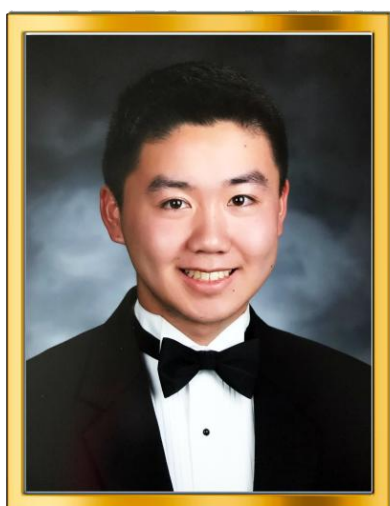


Chinmay Krishna
Overland Park, KS

participant of the camp Zakopane 2018

There were many games to play including chess and table tennis. Winning the chess and math competitions at the end of the camp made it all the more memorable. Our chaperones, Maria and Barbara, were amazing and took care of us and helped us throughout the trip. Thank you for this great opportunity!

Reflections about Math Kangaroo Competition

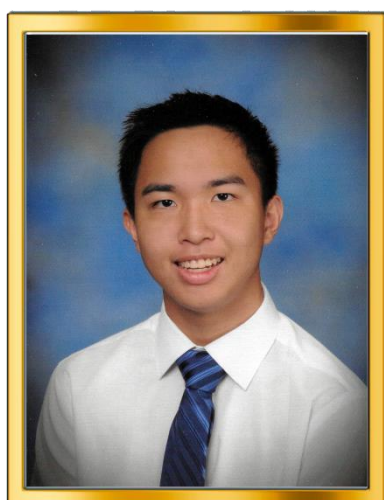


Jeffery Li, CA

I started taking Math Kangaroo as a 4th grader, around the time I started becoming more interested in math contests in general. Since then, the cool puzzle-like problems and the contest experience, as well as the gifts and potential for awards, have brought me back to take it every year.

Compared to a lot of other contests that I've taken (including the AMC series and a lot of college-hosted tournaments), Math Kangaroo is definitely one of the more accessible contests, with a good mixture of standard and non-standard problems that encourage and help people build up problem-solving and reasoning skills. It's rare, if ever, that any problem requires high-level techniques, and everyone has a good chance of solving most, if not all, of the problems. Much more experienced problem solvers can also liven up their test experience through a wide range of self-imposed challenges, making achieving high places all the more satisfying. (It's also nice to see how much I've improved since the first time I took Math Kangaroo - I've gone from getting a respectable score on the 5/6 test to placing first nationally with perfect scores for the past 6 years.)

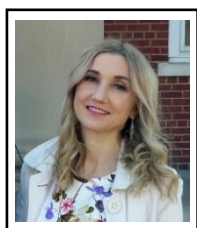
I will be joining the MIT class of 2023 this fall, and while I don't know which major I'm going to be pursuing yet, I'm planning on studying mathematics, computer science, or physics.



William Wang, KS

Math Kangaroo has been an extremely influential part of my life. As my first math competition, it introduced me to many new concepts and different ways of thinking. Through Math Kangaroo, I was able to develop a passion for mathematics and problem-solving. Additionally, I have made many new friends and met many talented math students through my participation in Math Kangaroo. This fall, I plan to attend Stanford University to study mathematics and computer science.

Math Kangaroo 2020 Poster Contest



Joanna Matthiesen,
Chief Information Officer

The Math Kangaroo 2020 Poster Contest was an exciting event. We received 71 posters from individuals throughout the United States. Seven posters were made by adults and the remaining were submitted by school age children from 17 different states. California had the highest number of submissions at 28 posters. The endeavor of choosing best poster was not easy, as there were a great number of strong entries. We chose many favorites, and deliberated long before selecting a winner. We are grateful to all talented artists, students, and adults that were engaged with this design competition that is a tangible entity of the Math Kangaroo Competition each year.

The Best Poster 2020 results are as follows:

XXIII Math Kangaroo Competition in USA
Grades – 1 to 12
Date: March 19, 2020
Thursday.
Registration:
Sept. 15, 2019 to Dec. 15, 2019
Website: www.mathkangaroo.org
Contact email: info@mathkangaroo.com

Math Kangaroo in USA
since 1998
International Competition in Mathematics

Prizes for all

Best Poster went to **Varni Modi** from **Oro Valley, AZ**. Varni was a 1st grader during the poster submission time. He received a \$250 Amazon gift card and the Best Poster 2020 Winner certificate.

The following are few words from Varni himself:



Varni Modi, AZ

'My name is Varni Modi. I go to BASIS Oro Valley Primary (BOVP) Charter School at Oro Valley, AZ. I will be in the second grade in the coming school year. I first heard about Math Kangaroo through my school as one of my friends got the First place - National Winner - in the Math Kangaroo contest.

Inspired by him, I will be participating in the Math Kangaroo contest next year for the very first time. I enjoy swimming; playing soccer, basketball and this summer I am learning Tennis. I love to learn and display new tricks whether it's a game or study. In my spare time, I read books, play word search puzzles and Math Riddles. Since past few months, I am learning computer programming and coding language and wished to exhibit what I have learned so far through this poster contest. In the poster, I showed 3D kangaroo – a baby kangaroo in his pocket - with balloon and gift box that tells math is a family fun game and all should enjoy it.'

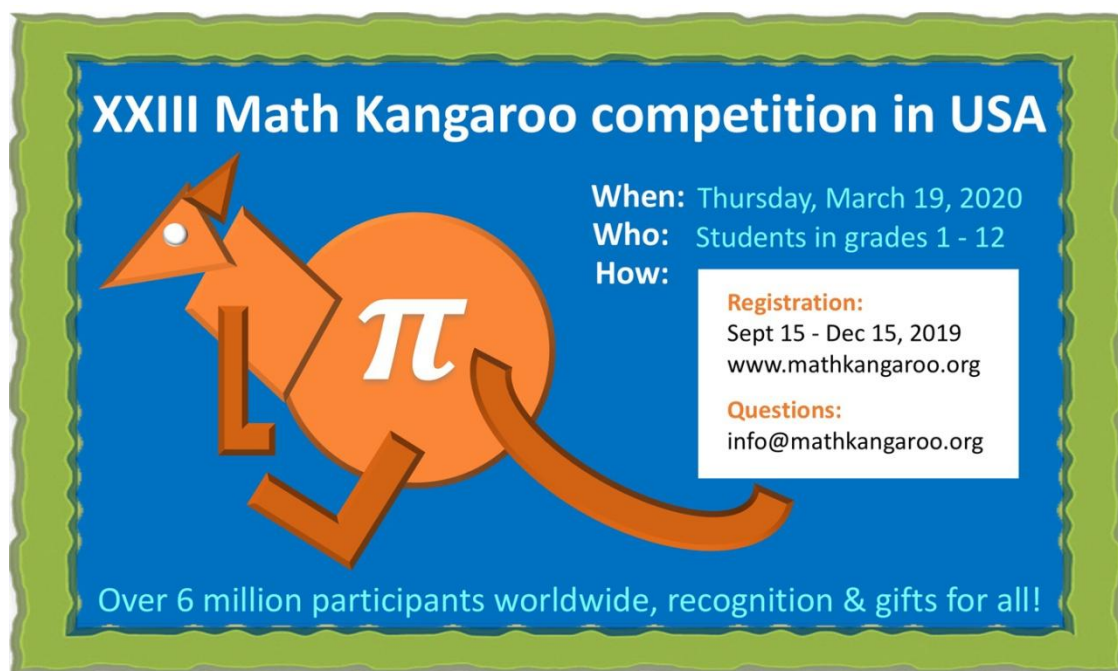
Congratulations to Varni for his winning entry in our annual poster contest. He did a terrific job of capturing the essence of our mission in an attention-grabbing and creative way. Watch for flyers in the entire US featuring Varni's poster!

We would also like to acknowledge the many other wonderful posters submitted for the contest. The leadership team decided to honor a second student whose design features a kangaroo composed of various mathematical shapes. The design was greatly appreciated and voted by the Math Kangaroo jury as **Best Math Kangaroo 2020 t-shirt design**. The person that made this interesting design was **Valerie Tolstorukov**, a 4th grader from **Winchester, MA**. As a token of appreciation, she was awarded a \$50 Amazon gift card and Best 2020 T-shirt Design Winner Certificate. This is what Valerie writes about herself:



Valerie Tolstorukov, MA

'My name is Valerie Tolstorukov, I will be a fifth-grade student at Lynch Elementary in the fall of 2019. I live in Winchester, MA, a small town near Boston, and my hobbies are gymnastics, dance, math, and computer programming. I study math at RSM Winchester, which hosts Math Kangaroo competition every year. This year, I was a 1st place national and state winner. It's exciting that next year I will be wearing a t-shirt with my geometric kangaroo design at the contest, I cannot wait to see it.'



XXIII Math Kangaroo competition in USA

When: Thursday, March 19, 2020
Who: Students in grades 1 - 12
How:

Registration:
Sept 15 - Dec 15, 2019
www.mathkangaroo.org

Questions:
info@mathkangaroo.org

Over 6 million participants worldwide, recognition & gifts for all!

The poster features a stylized orange kangaroo with a large white pi symbol (π) on its body, set against a blue background with a green border.



Again, congratulations to the best poster and best t-shirt design winners, 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 2021 poster! Please check our website for the information.

Math Kangaroo in USA
invites students wishing all

 **HAPPY**
Thanksgiving 2019!



info@mathkangaroo.org

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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[Earlier bulletins](#)

