North South Foundation
Celebrating
20th NSF Bee Finals

2012 National Finals August 18th-19th





Permeating knowledge beyond the visible horizon

University of Michigan Ann Arbor, MI

2012 National Finals Coordination Team

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Acknowledgements

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Detroit Skyline Photo: Hampton Law Group http://www.hamptonlawgroup.com/images/DetroitSkyline2.jpg

Greetings from your Bee Book Editors!

We want to extend a warm and hearty welcome to all the finalists, and their families for making it to the 2012 National Finals in Michigan. We are thrilled to be hosting this in our Great Lakes State. For those of you who are visiting us from outside the state, please take the time to savor what Michigan has to offer—including our Motor City, Motown, Up-North's most scenic unspoiled nature that is a paradise for outdoor enthusiasts and a multitude of other attractions. Don't be surprised when locals who may be giving you directions, lift up their palms to show our state's mitten-shaped map to indicate the places of "Pure Michigan".

We want to thank all the contributors who responded to our request and sent over articles for the Bee Book. Selecting a few from the hundreds we received was a mammoth task, especially given the quality of the articles. Due to space limitations, we were constrained to choose only a few. We absolutely loved orchestrating the Bee Book and hope that you will enjoy reading it.

Participation in contests creates an ethos for success and a desire for accomplishment. Educational contests, such as NSF, nurture some of the essential qualities in both the participating children and the adults, who help mobilize everything, from planning to execution. The contests seed in the avidity to be competitive in the young minds and this quality gives them the edge to succeed in life.

Our world is a never ending testimony of how in every 'impossible', resides a 'possible'. NSF challenges the minds through personal action, as children train themselves on a daily basis to get in to the habit of trying to do the impossible, and helps shape their "Success Pyramid".

It is important to note that "success" does not always mean winning. Just receiving a certificate can be useful as a positive stepping stone to motivate oneself. We wish all the participants "Continued Success"!

Sincerely, Mamatha Mitr Shubhada Rao.

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RICK SNYDER GOVERNOR BRIAN CALLEY

August 18, 2012

Dear Friends:

On behalf of the people of Michigan, it gives me great pleasure to welcome you to the 2012 North South Foundation National Finals in Ann Arbor.

Congratulations to this year's finalists. Please know that I admire the commitment and dedication you show to your studies. Clearly, you value and understand the importance of education, and all of your hard work has certainly paid off. Driven, innovative and creative young people like you are the leaders of the future; you have what it takes to succeed and I am confident your service and achievements in life will have a positive impact on the Great Lakes State, our nation and world.

As you gather for friendly competition, please take time to enjoy all that Pure Michigan has to offer, and remember to thank the volunteers, organizers and sponsors who spent many hours making this educational event possible.

Again, welcome to Ann Arbor for the 2012 North South Foundation National Finals. Please accept my very best wishes for an enjoyable and successful competition.

John Luyder

Sincerely,

Rick Snyder Governor



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Office of the Mayor John Hieftje

August, 2012

Dear North South Foundation participants,

I am pleased to welcome you to the 2012 North South Foundation National Finals and thrilled that the University of Michigan has been chosen as the location to host the 20th Annual National Summit Finals Contest. It is an honor for Ann Arbor to host such a diverse and accomplished group.

While in Ann Arbor, you will have the opportunity to observe and enjoy the excellent services that enhance the high quality of life for all, including our dedication to the environment and cultural diversity. Ann Arbor is nationally recognized for its schools, shopping, parks, sports and entertainment venues. In addition to the tremendous visitor appeal of our city, we take great pride in our efforts to maintain and encourage a progressive business and learning atmosphere, as well as being home to the world famous University of Michigan.

I am certain you will find Ann Arbor most accommodating and pleasing for your group. Our lodging and restaurant facilities pride themselves on their warm hospitality and are eager to compliment your event.

Congratulations to all North South Foundation contest finalists and good luck to you in the future.

Sincerely,

John Hieftje, Mayor

MARY SUE COLEMAN

PRESIDENT



UNIVERSITY OF MICHIGAN

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August 2012

Greetings from the University of Michigan!

The University of Michigan community is delighted to welcome participants for the North South Foundation events. During your stay, you will discover both the University and Ann Arbor to be a welcoming, friendly, and an engaging community.

While visiting Ann Arbor and UM there is much to do for example, the Ann Arbor Farmer's Market in Kerrytown, breakfast or lunch at the famous Zingerman's located next door to Kerrytown on Detroit Street, take a walk through the UM Arboretum, or just walk around UM's campus to see all of our fabulous facilities, museums, and art galleries.

Please enjoy your time in Ann Arbor and at the University of Michigan for the North South Foundation's 20th Annual National Summit Finals Contest. You have my warmest wishes for a productive and memorable stay.

Many She Coleman

Mary Sue Coleman

President

Convener's Welcome Note.....

Dear North South Foundation 2012 National Finalists and Families,

With great pleasure and honor, I welcome you to the 20th Annual Finals for North South Foundation's Educational Contests. You should take great pride in having been invited to the National Finals, based on your exceptional performance at the NSF chapter-level competitions. On behalf of the NSF National Team and the Regional Coordinators, I congratulate you for this accomplishment.

NSF is a volunteer-driven organization whose volunteers all aim for one goal: to encourage students to excel in educational pursuits such as spelling, vocabulary, math, geography and more, by providing them with an arena in which to succeed. Your enthusiasm to participate in these contests and your desire to excel in your areas of interest are among the highest motivations for these volunteers to go above and beyond in their efforts to make your experience at the Finals a memorable one.

NSF is proud to note that students of Indian origin have been excelling beyond local competitions and continue to make a mark in mainstream national competitions like Scripps National Spelling Bee, Geography Bee and MathCounts. It is no small achievement that NSF children have won the Scripps National Spelling Bee five years in a row.

We, the National Finals Team, would like to thank all our sponsors for kindly supporting the 20th National Finals. Such a large event would not be possible without their generosity.

It is a pleasure to welcome you all to Ann Arbor—the quintessential college town, and the metro Detroit area—the automotive capital of the world. Please take time to explore the beautiful university of Michigan campuses, the Henry Ford Museum and any of the Big-3 American automotive giants.

On behalf of the entire National Finals team, I wish all the best for the participants!



V. Kríshna Karunakaram Convener, 2012 NSF Natíonal Fínals.

"Satisfaction lies in the effort, not in the attainment. Full effort is full victory." - Mahatma Gandhi

NSF FAMILY

~ Dr. Ratnam Chitturi, NSF Founder



According to Merriam-Webster's dictionary, the word "family" is defined as the basic unit in society, traditionally consisting of two parents rearing their children. Another definition, a broader one, is a group of people united by certain convictions or a common affiliation. There is a bond that unites people. That bond emanates from common values like caring, sharing, tolerance, harmony, understanding, affection, love, empathy, giving, helping, and so on. These are all positive values, which enrich a society to grow and sustain over generations with peace, joy, tranquility and fulfillment.

If you are working with a knife and if the right hand holding the knife inadvertently made a cut on the left hand, does the left hand immediately go and slap the right hand? No. Why not? Because the right hand and left hand belong to the same body. That understanding exists. With that understanding, tolerance comes naturally. Suppose a similar incident happened, but the right hand belongs to one person and the left hand belongs to another one in the same family under one roof. Then also, there will be no revenge or retribution. Suppose this incidence occurred between two people outside the family. The reaction can range from tit for tat to anger, hatred or malice. Why is that? If we think deeply, we will realize that there should not be any difference whether the incidence is self-inflicted or inflicted by an outsider.

If a small child hit a wall, got hurt and cries, we tell the child to hit the wall by hand to take revenge, hoping the child would calm down. Is it the right thing to do? Next day, if a boy hits the child, the child will hit back the boy. Let us think deeply again. We are indirectly teaching the child that it is ok to hit the boy. That is, the boy is not in the family. Children learn not by what we say, but from what we do. Our own deeds form their behavior and character. So each of us needs to be the change we wish to see in the world, as Mahatma Gandhi said.

In the NSF family, our goal is to inculcate and cultivate positive values among our children, but it has to start from us. As they say, it takes a village to raise a child. Many parents tell us that their family became bonded more as they worked together with their children in NSF activities. From the concept of immediate family, we need to extend it to the community, nation, world and universe. "Vasudhaiva Kutumbakam", meaning that the world is but one family, was echoed in the ancient texts of India, thousands of years ago. We would like to introduce coaching in universal values to NSF Children and are looking for volunteers to form a team to brainstorm on ideas, design, syllabus, material and coaching. Let me know if you would like to join by sending an email to chitturi9@gmail.com.

The cultivation of universal values and reaching them may seem like a utopia, but without a vision of an idealized world, we will never get there. Although the ideal may never be fully achieved, trying for the ideal fascinated the ancient Indians many millennia ago. Sages urged us to strive for the ideal.

Arise, awake and stop not till the goal is reached!

ON BEHALF OF - NATIONAL FINALS VOLUNTEERS

~ Pavankumar Petluru, Ph.D.

Dear Contestants, Parents, Technical Teams, and Volunteers:

On behalf of the North South Foundation, we offer our hearty congratulations to all of the National Finals invitees, and we warmly welcome you all to the NSF's 20th annual National Finals at the University of Michigan, Ann Arbor, MI. By offering these educational contests, NSF provides a platform for our children to participate, compete, and excel in their academic advancement. These contests are meant to provide our children with a great way to improve their skills in spelling, vocabulary, mathematics, science, geography, essay writing, public speaking, and neuroscience in a challenging environment by competing with their classmates and peers. Everyone who participates in these events is a winner!

We thank the parents for their encouragement and enthusiasm in motivating their children to work to their potential. It was this enthusiasm for learning that led to an unprecedented number of our NSF contestants to be finalists at the 2012 Scripps National Spelling Bee, the National Geographic Bee, MATHCOUNTS and the National Science Bees. We are all proud of them, especially Snigdha Nandipati, who emerged as the champion, Stuti Mishra, runner-up, and Arvind Mahankali, second runner-up, at the Scripps Finals this year. We are also proud of Vansh Jain who was the runner-up, and Varun Mahadevan, second runner-up, at the National Geographic Bee; as well as Ashwin Sah, Niket Gowravaram, Sarvasva Raghuvanshi, and Dhruv Medarametla, who came in the top ranks of MATHCOUNTS; Bhagirath Mehta who became the champion of You be the Chemist National Challenge; and Abhinand Sivaprasad, Aditya Murali, Gokul Gowri, Suvansh Sanjeev and Tejas Bharadwaj, who won the third-place team at the National Middle School Science Bowl.

We are grateful to all the parents and contestants for helping us achieve a record participation during regional contests this year. We had nearly 15,200 registrations spanning across 85 chapters. With this record participation at the regionals came an unprecedented problem. Within a few days of opening, 1,215 contestants had already registered for the finals. However, several of the invited contestants were not be able to register due to contest limits. We express our sincere apologies to those of you who could not register and we will make an effort to modify the invitational process for finals in the future. As always, a portion of the registration fees is allocated towards NSF's primary mission of providing scholarships to needy students in different parts of India. This is why NSF was founded 23 years ago. Since its inception, NSF has provided 7,800 scholarships for college-bound meritorious students who are unable to continue their higher education due to lack of funds. Mindful of this noble cause, we ask you to play an even bigger role by partnering with NSF.

Please join us in helping to cultivate a spirit of giving to the next generation, and consider becoming liaisons for the various chapters in India. When you visit India, make some time to contact the local committee and try to meet up with the scholars in India. You can also help us by identifying dedicated volunteers in India who can help drive the scholarship process in different states of India. You could also consider volunteering at the regional level to hold these educational contests.

We are thankful to Ms. Linda Terrant from Hexco for sponsoring the first place (\$1,000) winner, Subba Rao Anumolu for sponsoring the second place (\$500) winner, and the TANA foundation for sponsoring the third place (\$250) winner in the Junior Spelling Bee. We express our sincere appreciation for Dr. Sanjiv Modi from the Bansan Foundation for sponsoring the first place (\$1,000) winner in the Senior Spelling Bee. We are also grateful to Mrs. Vani Reddy Gudeti for designating a third place (\$250) scholarship in memory of her late father Narasimha Reddy Alla in the Junior Geography Bee. North South Foundation instituted a first place scholarship for Math Bee Level 1 in memory of Dr. Shyamala Revuluri, late wife of Dr. Krishnaiah Revuluri (founder of the NSF Math contests) and for 2012 this scholarship (\$1,000) was sponsored by Dr. Ratnam Chitturi, founder of NSF. We are sure the winners of these scholarships will appreciate the support from these individuals and organizations.

On behalf of the Foundation, we wish to sincerely thank the multitude of judges, pronouncers, proctors, innumerable volunteers, and the regional coordinators around the country, because an event of this magnitude would not be possible without their devotion and commitment. We would like to express our deep appreciation and gratitude to Dr. Ranga Ranganathan and Mr. Krishna Karunakaram, the dedicated support teams, and to all of the inspiring volunteers who have worked hard for all of the event arrangements at the University of Michigan. We would also like to extend our special thanks to Mrs. Mamatha Mitr and Mrs. Shubhada Rao for making this beautiful bee book in color as a memorable souvenir. NSF would also like to bestow heartfelt thanks to the University of Michigan for offering their excellent facilities.

North South Foundation is entirely a volunteer organization. There are hundreds of volunteers, donors, children, and parents who have shaped this Foundation over the years. Everyone here with the Foundation fondly looks forward to the growth and advancement of our young scholars in other national and regional competitions; such participation is a source of joy to all of us.

On behalf of the Foundation, I wish to say good luck to all of the contestants. We hope you enjoy your stay in Ann Arbor, MI.

THE BUZZ OF THE BEES FROM INDIA

~ NSF India Team

anguage consists of words, sentences and expressions and learning "words" early on in life, exposes children to various shades of life, compounding and accelerating their learning and experience through their evolution. NSF continues to amaze through their selfless contributions for the advancement of students, world over. Hearty congratulations to NSF winners taking the podium, again as 2012 Howard Scripps Winners in US! We hope to build up the legacy in India, starting in Hyderabad.

The Second Edition of North South Foundation Bees in Hyderabad in 2011-12 was launched with participation from many more Schools, with manifold increase in the overall students. Phoenix Greens School of Learning is privileged to continue to support NSF Bees in conducting preliminary and final rounds in Hyderabad. Ms. Rekha Cherukuri took lead as National Coordinator for NSF, and brought Navodaya schools also into the fold of NSF Bees. It is wonderful to spread activities across wider range of students across different cross sections of the society, a core value of NSF.

The Preliminary Rounds in Gachibowli-Jubilee-Banjara region was held at Phoenix Greens Kokapet Campus, on Dec 18, 2011. Over 325 students from 12 large schools participated, from Oakridge (Nanakramguda), Meridian, Indus, and others, making the whole day affair, a day to remember along with their parents. We are fortunate to have senior NSF team visit from US, who interacted with many parents and impressed upon the quality and development of NSF content. Additional Preliminary Rounds were held – at Oakridge Bachupalli for regions of Kukatpalli-Bachupalli, and Navodaya schools. Worldwide popularity of NSF Bees and professional entry into Hyderabad – is indeed catching more attention in the Education Capital of Andhra Pradesh.

The students of Phoenix Greens enthusiastically participated in all the three Bees. They were excited about the competition, and well prepared. The continuous preparation over 4-5 months is a journey that most participants cherished, as they enjoyed many new words that brought forth many shades of life around them that they begin to observe and appreciate. Ms. Rekha and her NSF team, Team Phoenix Greens and many good parent volunteers were integral to conducting the events in a smooth and professional manner.

The students and parents appreciated the professional team work of the judges, volunteers, members of the NSF Hyderabad Chapter and entire Team Phoenix Greens. The participants were overwhelmed by the enriching experience of the Bee contests. Finalists from all preliminary rounds are selected to participate in the Final Round, conducted at Phoenix Greens Gachibowli. The participants included 110 students from 22 schools, covering wider geography in Hyderabad. Maths and Science Bees were held on Jan 21st and Spelling Bee on Jan 22nd, 2012.

Mr. Murali Manohar, eminent actor and businessman, and NSF Hyderabad, Mr. Rao Chalasani, director of NSF, USA, and Mr. B. Satyam, director of Phoenix Greens, awarded the winners of the Bee competitions, congratulated and appreciated the participants. NSF has a policy of acknowledging every participant with a certificate and a medal, since participation is as important as winning.

The event had a very good impact on students and their parents, with many promising to return with better preparation next year. For an event of such scale in Hyderabad, it continues to create quite an impact in the city, prompting an environment of similar competitions of larger scale in the future. Team Phoenix is led by Ms. Anju Sharma (Headmistress) and Ms. Nancy Nanavaty (Academic Director), and ably supported by all teachers and support staff.

Well done, NSF in India! Well done, to all who organized and supported the event! Well done, all participants and their parents!

2011-2012 NSF INDIA SCHOLARSHIPS

~ India Scholarship Team

North South Foundation (NSF) provides scholarships to undergraduate students entering into professional courses like engineering, medicine etc. or 3-year polytechnic (diploma in engineering) based on merit and financial need. NSF also considers courses like B.V.Sc, B.Sc (Agri), and B Pharma, BSc Nursing. The scholarship process begins at the chapter level in India with an announcement to the local media about NSF India Scholarships.

	CHAPTER	RENEW- AL	FRESH	TOTAL
1	Hyderabad, Andhra Pradesh	119	71	190
2	Tanuku, Andhra Pradesh	0	4	4
3	Vizag, Andhra Pradesh	0	3	3
4	Guwahati, Assam	1	3	4
5	Patna, Bihar	4	5	9
6	Chandigarh, Chandigarh	5	0	5
7	Panchkula, Haryana	1	2	3
7	Bangalore, Karnataka	71	78	149
8	Kochi, Kerala	6	21	27
9	Pune, Maharashtra	58	69	127
10	Bhubaneswar, Orissa	166	220	386
11	Patiala, Punjab	8	0	8
12	Jodhpur, Rajasthan	68	43	111
13	Chennai, Tamil Nadu	17	148	165
14	Madurai, Tamil Nadu	54	63	117
15	Nagercoil, Tamil Nadu	10	13	23
16	Moradabad, Uttar Pradesh	2	11	13
17	Kolkata,West Bengal	70	43	113
	TOTAL	652	797	1449

Each of these chapters has a volunteer who acts as the India Chapter Coordinator (ICC) and is responsible for all activities of the chapter – from getting the word out, forming the selection committee, reviewing applications, interviewing applicants and giving the scholarships checks at an awards ceremony. Volunteers who live in USA and are closely associated with a chapter in India act as liaisons. Liaisons in US interact with the ICCs and are involved with the chapter in many ways – from actually starting the chapter by identifying a volunteer in India, to figuring out ways to spread the word, to meeting candidates while visiting India and more. The liaison also facilitates meetings between a scholar and an interested donor.

Eligibility criteria for NSF college scholarships are listed below:

- Marks in the top 10 percentile of 10th or 12th or CET/JET in the state
- Annual family income must be less than Rs 65,000 p.a.
- Preference to students coming from government schools and colleges
- Preference to fresh students going to government colleges
- Preference to students not getting other scholarships
- NSF gives scholarships after evaluating the need.

Scholarship is limited to Rs. 12,000 for degree and Rs. 5000 for Diploma students.

NSF Scholarships team has the following additional goals for the upcoming 2012-13 season. NSF India Scholarship Team is in the process of starting the 2012-13 scholarships season with a goal of giving at least 1000 new scholarships to first year students and renewing all current scholarships, which will be about 1200 students.

NSF has increased the number of scholarships given by 250% in a span of 4 years as one can see in the table below:

Year-wise Scholarship Growth:

2008-2009	2009-2010	2010-2011	2011-2012
580	667	922	1442

Every time a child participates in an NSF bee or workshop, one other child in India benefits. What started off as one scholarship in 1989, is now at 1400+ in 2012 and growing. Twenty three years later the cumulative scholarship count is more than 6500. In 2010, the scholarships team tried really hard to start new chapters in the northern part of India which was underrepresented. NSF was successful in starting chapters in Chandigarh, Haryana; Guwahati, Assam; Moradabad, Uttar Pradesh, Patna, Bihar and Patiala, Punjab. These chapters were started by volunteers living in USA (liaisons) who motivated their friends and families in their hometowns to start new chapters. It takes a whole scholarship cycle (April-Dec) of behind the scenes work to bear fruit. We hope their efforts will motivate other volunteers to come forward and start new chapters.

This past June, we kick started a new scholarship season (2012-13) with many improvements. We have web pages for each India chapter, a revised set of criteria, downloadable application forms, contact email for scholarships queries, a flier for parents to email to friends and family in India, and an effort by NSF parents to go and talk to Government schools during their India vacations. We also have an on-line application process, and in the works are a database of scholars for easy information sharing, and alumni tracking. New chapters have also been started in Vizag (AP), Tanuku (AP), Delhi/Noida area and Panchkula, Haryana.

We have a great working relationship with the India team and together with the US liaisons we look forward to helping more students fulfill their dreams. Explore scholarship team web pages and send us your feedback. We are always looking for volunteers.

Write to us - nsfindiascholarships@gmail.com.

If you are new to scholarships you can read about our program at: http://www.northsouth.org/public/india/scholarships.aspx.

If you'd like to connect to a chapter in India or help start a new chapter send us an email: madavioliver@gmail.com.

 India Scholarships Team Madavi Oliver Jayaram Iyengar Sarav Arunachalam Manju Arasaiah

The difference between school and life? In school, you're taught a lesson and then given a test. In life, you're given a test that teaches you a lesson.

~ Tom Bodett

MODEL UNITED NATIONS

~ Sukanya Roy

NSF Editorial Team member, Sukanya Roy has returned from a Model United Nations meet. In this article, she shares some details about the event.

Most of our readers have probably heard of Mock Trial. But what about its lesser known relative, Model UN? Model United Nations conference is just what it seems - a simulation of existing UN bodies which meet to try and solve some of the world's most pressing issues. Conferences, which take three to four days and can range from hundreds of delegates to thousands, are held nationwide as well as worldwide. Typically, they are organized by colleges or schools, and take place at campuses, hotels, or other similar institutions.

Model UN 101:

- There are three types of committees: General Assembly (or just GA), specialized, and crisis. GA committees have the most delegates- often close to a hundred or more. Crisis committees are the smallest, numbering ten to twenty members.
- Each delegate represents a particular country. Often, school teams are assigned two or three countries to represent in different committees. In some cases, delegates represent a person or an organization rather than a nation.
- Topics vary by committee. They range from matters of international security to humanitarian dilemmas and everything in between. The name of a committee usually tells delegates what topics to expect; for instance, the Social, Humanitarian, and Cultural Committee's topics at a recent conference were human capital flight (also known as "brain drain") and Internet rights.
- Before conferences, delegates are required to write position papers expressing their countries' views on the assigned topics. They are also encouraged to do research and read through their committee's background guide, which provides an overview of the topics and specifies which aspects the chair wishes to focus on.
- During committee sessions, delegates make speeches, write draft resolutions, and negotiate with other ambassadors. Countries that share similar views form "blocs", which then collaborate on draft resolutions and attempt to gain support from others.
- Resolutions are introduced and debated upon. Amendments are made, and the entire committee votes upon which resolutions to pass.
- Successful resolutions provide the most comprehensive, well thought-out, and practical solutions. These apply to both developed and developing countries, do not violate national sovereignty, contain both short-term and long-term solutions, and specify adequate funding and support from various non-governmental organizations, existing UN bodies, donors, and willing member states.

To find out more, visit: http://www.unausa.org/modelun.

COLLEGE ADMISSION PROCESS

~ Ram Yeleti

College Admission process could be stressful for parents and students alike. One of the first things that cross our mind when we think of College Admissions in United States is SAT/ACT scores. SAT/ACT scores in deed are very important part of the College Admissions process, as they provide a common ground for the Admissions Officers at the Colleges and Universities to compare students across highly heterogeneous high schools across the country. However, the SAT / ACT tests also tend to blind the parents, particularly some of the test score-conscious Indian American parents into single-minded obsession. From years of observing the decision making processes of College Admissions Officers, my advice is to keep SAT/ACT scores in the right perspective. There are a number of other factors that Admissions Officers deeply care about in addition to SAT / ACT scores. Following is a brief description of these other important factors considered by the Admissions Officers. While a whole book can be written on these topics, my goal here is to present enough information to help you develop a useful perspective and give a foundation for further research.

High School Grades: High school grades / GPA's are one obvious factor in the equation. However, Admissions Officers generally put more weight on SAT/ACT scores than the high school grades because SAT/ACT scores are standardized across the country, while the high school grades are not. So, why are grades still important? That's because highly selective colleges may select less than 10% of the applicants. That means the Admissions Officers have a tough job of rejecting over 90% of almost equally eligible applicants in a short time under stressful conditions. So, they are really looking for ways to reject applicants. Poor or inconsistent grades will be one instrument in this process. So, while it is important to get good SAT/ACT scores, one cannot afford to ignore good high school grades.

AP / Honors Courses: Number of AP / Honors courses - particularly AP courses - taken through junior high shows the Admissions Officers whether you are challenging yourself. The selective colleges like the students who are willing to challenge themselves, and not take the path of least resistance. However, the grades in the AP courses are also important. So, you want to challenge yourself, but not so much that your grades might drop significantly. It's a balancing act, with the balance tilted in favor of taking some important AP courses, particularly those that are considered by the colleges in your target list. The primary purpose of AP courses is to get credits or placement in the college, but the Admissions officers also consider them for the Admission process itself.

Extra-curricular activities: Your extra-curricular activities give an indication of your initiative, commitment and leadership to the Admission Officers. They also indicate to the Colleges whether you are likely to contribute towards building a dynamic student body. One key to your extra-curricular activities is depth over breadth. Choose activities that you are passionate about, and make a meaningful contribution to them. Make sure you are not stretching yourself across too many activities and not developing enough depth in any.

Letters of Recommendations: Letters of recommendation serve as a confirmation of your capabilities presented elsewhere in your application. You should choose your letter writers carefully, those who are likely to enhance your college acceptance. In general, the Admission Officials like letters that provide comparison with others in the class, or with students who have enrolled at the college in the past, and those that give anecdotes or personal information. The law entitles you to see the letters of recommendations, if you get admitted to the college. However, you can choose to voluntarily waive that right. Waiving that right is likely to be seen by the Admission Officers as more candid recommendations. Unless you have a reason to keep the right to see your

letters, do consider waiving that right on the recommendation forms.

Personal Essay: All things being equal, it's the personal essay where you have a chance to show who you really are to the Admissions officers. The colleges are not just looking for your course work, grades, and scores in the standardized tests. They also want to know who you are. This may sound intrusive, but the personal essay is the place to show the part of you that's not reflected in your Academics or Extra-curricular activities. The essay is not a list of your accomplishments. The most compelling essays tell a passionate story about yourself and expose your personality. Choose a topic that is not covered elsewhere in your essay.

Do not delay writing of the essay until last minute. The essay requires considerable thought, reflection, editing, and re-editing on your part. In fact, you could start jotting down your potential essay topics as early as the sophomore year. Now, if you are already in your junior high, don't panic. You still have plenty of time. However, don't wait until November or December to write your essay. Most colleges now accept the Common Application (www.commonapp.org). The requirements and the prompts for the Common App are fairly standard. Understand the six options for the essay in common app soon. It's also a good idea to maintain a personal journal through your high school. In addition to the personal essay, College apps will ask for a number of other essay type questions. Your journal will help with these questions as well.

There are also some factors beyond your control, such as the pressure on colleges to have a diverse socio-economic, ethnic, and geographic mix of students. To maintain the diversity of students, Admissions officers often have to apply slightly lenient standards for students considered to be of disadvantaged socio-economic and ethnic backgrounds, while applying higher standards for students supposed to be of advantaged backgrounds. As Indian Americans are increasingly perceived as having academic advantages, you will be subject to a higher standard of evaluation. Whether we like it or not, it is a reality and we have to be prepared for it.

Tips for College Admission Process:

To reduce the stress levels in the overall College admission process, here are a few tips:

- Discuss your college goals with your parents, teachers and counselor. Document a list of your target col leges that meet your college goals. Keep the list fairly diverse, and do not narrow down too early. While all of us have heard about the Ivy League colleges, you will be amazed at how many fine colleges are out there across the country that could meet your needs. Include private colleges, public universities, large and small colleges / universities in your list. You will have plenty of time to narrow down the list after the admission process starts.
- Balance your high school priorities across all the above factors. Plan your high school tenure across the freshman, sophomore, junior high and senior high years, and maintain an appropriate pace.
- If you are targeting highly selective colleges, consider having a personal counselor. While college counseling can be very expensive, there are also many low pressure counselors that provide the required perspec tive at reasonable cost. There are a number of nuances in College Admission process from December through May that vary from college to college. A personalized advice could be of help, particularly if you are trying to get to a selective or highly selective college.
- If you are in junior high, start your application process early and do not wait until last minute.
- This is mainly for parents: There are numerous opportunities for college aid. While some are need-based, there are many that are purely merit-based. Start researching these opportunities early. In the process, you will come across numerous acronyms FAFSA, EFC, SAR, COA and so forth. While the aid application process can initially look intimidating, it is manageable, if you give it adequate time. One thing about college aid in United States is the more time you are willing to put and more documents you are willing to fill, the more aid you are likely to get.

NSF CHILDREN IN NATIONAL LEVEL MAJOR LEAGUE COMPETITIONS

Scripps National Spelling Bee

2012

Champion: *Snigdha Nandipati*

2nd Place: Stuti Mishra

3rd Place: Arvind Mahankali

2011

Champion: Sukanya Roy **3rd Place:** Arvind Mahankali

6th Place: Dhivya Senthil Murugan

6th Place: *Sriram Hathwar*

2010

Champion: Anamika Veeramani **2nd Place:** Shantanu Srivatsa

2009

Champion: Kavya Shivashankar 2nd Place: Aishwarya Pastapur 5th Place: Ramya Auroprem 5th Place: Anamika Veeramani

8th Place: Neetu Chandak

2008

Champion: *Sameer Mishra* **4th Place:** *Kavya Shivashankar*

8th Place: Jahnavi Iyer

2007

8th Place: Kavya Shivashankar 8th Place: Nithya Vijayakumar

2006

4th Place: *Rajiv Tarigopula* **10th Place:** *Kavya Shivashankar*

2005

2nd Place: *Samir Sudhir Patel* **4th Place:** *Rajiv Tarigopula*

2003

Champion: *Sai Gunturi* **3rd Place:** *Samir Sudhir Patel*

National Geographic Bee

2012

2nd Place: Vansh Jain

3rd Place: Varun Mahadevan

2011

2nd Place: Nilai Sarda

2007

2nd Place: Suneil Iyer

2006

2nd Place: *Neeraj Sirdeshmukh* **3rd Place:** *Yeshwanth Kandimalla*

2009

2nd Place: Arjun Kandaswamy **3rd Place:** Shantan Krovvidi

NSF CHILDREN IN NATIONAL LEVEL MAJOR LEAGUE COMPETITIONS

MATHCOUNTS National Round

2012

2nd place: Ashwin Sah

14th Place/1st Place Team: Niket

Gowravaram

21st Place/2nd Place Team: Sarvasva

Raghuvanshi

27th Place: *Dhruv Medarametla*

38th Place: Sahaj Garg

39th Place/3rd Place Team: Abhinand

Sivaprasad

Participants: Akshay Pulavarty

Kavya Ravichandran Shravan Ravishankar Pranav Rekapalli

Ankan Bhattacharya

Nilai Sarda

2011

3rd Place: Shyam Narayan

(1st in Written Round)

9th Place: *Dhruv Medarametla* **10th Place:** *Niket Gowravaram*

26th Place: Vivek Miglani

45th Place: Ankan Bhattacharya **Participants:** *Suruchi Ramanujan*

Akshay Prabhushankar Kartik Dhinakaran Gayathri Ganesan

2010

2nd Place: Shyam Narayan20th Place: Nihal Gowravaram38th Place: Vivek Miglani

2005

12th Place: Arjun Puranik

Science - You be the Chemist Challenge

2012

Champion: Bhagirath Mehta

National Middle School Science Bowl

2012

3rd Place Team: Abhinand Sivaprasad

Aditya Murali Gokul Gowri Suvansh Sanjeev Tejas Bharadwaj

MY EXPERIENCE WITH THE NATIONAL GEOGRAPHIC BEE

~ Rahul Nagvekar - 2012 National Geographic Bee Winner

inning the 2012 National Geographic Bee was far from easy. On the contrary, it required a great deal of time, effort, and dedication to the competition: it was not until my



fifth and final try that I was able to win the Texas State Bee and advance to the national level· After so many unsuccessful attempts at the bee, you may wonder why I did not simply give up·

Honestly, I do not know the reason, although I am sure that it has something to do with the fact that I have always been interested in learning more about the world· I cannot remember a time when I was not fascinated by geography· One of the first gifts I received from my parents was a globe· When I was a toddler, that globe - with all of its lines and colors and place names - captivated me· I loved to spin the globe around, and around· By aimlessly spinning that globe, I was not studying geography but I did manage to learn quite a bit about the world·

My interest in geography grew over the years. As I entered kindergarten, I became very curious about animals especially those which came from exotic places. I learned a lot about these places by watching shows on Animal Planet. This new knowledge of faraway places made me even more interested in learning about geography.

When I first heard about the National Geographic Bee in my fourth grade, I wanted to participate in it. During that first year, I was in the Geography Bee 'for the fun of it.' I was not expecting to do very well, and I was pleasantly surprised when I won my school's competition and also qualified for the state bee. But I missed one question in the state bee's preliminary rounds, and I did not make it to the finals.

Although I was disappointed, I was thinking, "This is fun! I want to come back next year!" The next year, I did more preparation and I finished fourth at the state beer So I tried again the next year and the following year, finishing third as a sixth grader and second as a seventh grader. Entering the eighth grade, I knew that it was crucial for me to take full advantage of my last chance at the national championship. I put in all of the effort that I possibly could and it paid off when I was able to win the 2012 National Geographic Beer

As you prepare for the National Geographic Bee, here are a few tips that will hopefully lead you to success in this competition:

- 1. First and foremost, have fun. Participating in the National Geographic Bee is always very exciting, but it is even more rewarding for those who enjoy it.
- 2. Study information that you will be able to remember. Attempting to simply

- memorize lists of place names is very difficult. It is much easier to remember these names if you are able to connect them to locations on a map.
- 3. Map supplements to the National Geographic Magazines: I spent quite a bit of time poring over these maps, some of which were printed in the 1990s.
- 4. When you are studying, do not overwhelm yourself by learning a large amount of information in a very short period of time. Even after you have learned something, reviewing it many times will help you remember it.
- 5. Follow the news. This is an excellent way to learn about places you have not heard of before, and all levels of the National Geographic Bee have questions on current events.
- 6. When you are competing in the class, school, state, or national levels of the Geogaphy Bee, try to remain calm. From personal experience, I know that this is easier said than done but, if you try to do so, it becomes easier as you participate in more of these contests.

Here are some of the resources that I used to study for the National Geographic Bee:

- 1. The World Reference Atlas, hardcover edition, printed by Dorling Kindersley and Covent Garden Books: The edition I used was published in 2004, but newer editions might be available. If I needed to 'check' the location of a new place I would look up the place in this atlas. I also read a lot of the supplemental information printed in this atlas to gain more knowledge about a wide variety of places.
- 2. The National Geographic Magazine: I read through articles that appear in these magazines. By reading the articles, I knew answers to some of the questions in the National Geographic Bee. Even if you don't subscribe to this magazine, you can find the articles on the National Geographic website.
- 3. Map supplements to the National Geographic Magazines: I spent quite a bit of time poring over these maps, some of which were printed in the 1990s.
- 4. The Geography Bee Complete Preparation Handbook: Written by Matthew T. Rosenberg and Jennifer E. Rosenberg, this book contains a great deal of information on U.S. states, countries, physical geography, and other topics. It is a good resource for beginners.
- 5. Afghanistan to Zimbabwe, Country Facts that Helped Me Win the National Geographic Bee, printed by National Geographic: This book, which contains information about all of the countries, was written by the 2004 National Champion Andrew Wojtanik.
- 6. Earth, printed by Dorling Kindersley and Smithsonian: This 'definitive visual guide' to the planet contains detailed information on land forms, water features, and physical geography.
- 7· www·ygeotrivia·com: This website contains hundreds of geography trivia questions· Although I did not use the website this year, I practiced using these questions when I was in the sixth and seventh grades· The questions were created by Neeraj Sirdeshmukh who was the second-place winner in 2006·
- 8. Wikipedia: I found the information in Wikipedia articles to be extremely helpful as I prepared for the National Geographic Bee:

Although I have never competed in the North South Foundation's Geography Bee, I expect that it will be a fun event and each of you is a winner by simply being here at the National Finals. Additionally, I wish you all the very best as you prepare for and participate in next year's National Geographic Bee.

LESSONS LEARNED

~ Snigdha Nandipati - 2012 Scripps Spelling Bee Champion

Through my years on the journey of spelling, I learned a countless number of things. Not only did I master many more words and roots, but I learned some very important life lessons. Before the National Bee, if I was asked to speak in front of a camera for a few minutes, I would have run away hiding my face. But now, I've lost my stage fear and I can speak very well in front of large crowds. I acquired some very important study techniques through my spelling study regimen, and I hope to use them later in my life as well. More importantly, I finally discovered that spelling more than just monotonously reciting letters of words from the dictionary, and much more than just memorizing infinite lists of words.

Each and every word in the dictionary has a special aspect, which makes them different from each other. The words of our language represent the different cultures of the world, and express every kind of field, ranging from music to science to sports. Respecting these special attributes and researching these words individually makes spelling doubly exciting, and therefore makes us exceptional spellers. Beyond this, understanding the deeper meaning of the existence of these words is what makes us special. There is a deeper reason that each and every one of us learns spelling. Each of us has something in common, and that thing is the love that we have for words. It is so strong that we cannot live without reading or writing or novels or literature. We look up every word that we come across, and we spend hours sprawled across the dictionary. If someone was to ask any one of us what we think is the greatest invention ever, we would each reply, "the written word". This love of words is what inspires us to participate in spelling bees, and perfect our orthography.

MY JOURNEY IN GEOGRAPHY IS & LONG ONE.....

~ Vansh, Jain - 2012 National Geographic Bee Runner-up

Tstarted studying for the National Geographic Bee when I was in first grade. I always loved looking at maps, New York City subway maps in particular. My uncle lived in New York (now in New Jersey) and whenever I visited him, I always got a subway map and extensively rode the subways just for fun. Also, whenever I went on road trips, I loved looking at my Rand McNally road atlas. For this reason, when my dad found out about the bee, he thought that I could do well at it. So I started studying for the bee. First, it was just the questions National Geographic posts on their website. Slowly, I started learning more and more.

During the 2006 FIFA World Cup, I wasn't allowed to watch the soccer match on TV unless I read a short article about the two countries that were playing. During these years, my favorite game to play was a geobee board game released by National Geographic. The object of the game was to collect as many tokens as you can by answering geobee questions correctly. Finally in fourth grade, I was allowed to participate for the first time in the bee. I won in class, but I got second at the school level. I worked harder and the next year, when I was in fifth grade, I won school defeating my school's previous champ. The excitement didn't stop there. At the state level, I also won and then at nationals, I got in the top ten and placed fourth. In sixth grade, I came again in the top ten and placed sixth. In seventh grade, however, I didn't win my state bee. I was disappointed, but still I decided to go on.

I had one more year of the geography bee left and I decided to give it one last shot. Finally this year, I won state and could go back to nationals. At nationals, I qualified for the top ten and came in second place, making my entire journey a success. Even though I didn't get first, I am happy that I got second. From this experience, I learned that success comes with lots of hard work, and that one should never give up because it will eventually pay off.

SPELLING BEE JOURNEY

~ Stuti Mishra - 2012 Scripps Spelling Bee Runner-up

When my parents moved from India to America in 1999, little did they know that their then one-year-old daughter would later take part in a great American tradition which would foster a love and admiration of a language that was not their first language but their second, English.

Similarly, little did I know that I would ever make it to the national level in spelling when I stood as a nine-year-old in my school cafeteria for my first ever spelling bee. Misspelling "expertise" as "expertice" seemed like a meager start to my spelling bee career.

Three years later, however, my "expertise" in spelling carried me to my goal of the year: making it to the sublime Scripps National Spelling Bee. I was a seventh-grader at that time. The year before that (sixth-grade) I had come in 3rd place at my regional bee, and the year before that (fifth-grade) I had come in 5th place at my county bee! Being a young 11-year-old when I placed 5th in the Brevard County Spelling Bee, I decided that spelling was my hobby, what interested me the most. I loved the way languages were connected, I loved the way roots formed words, I loved the history of words, and I loved learning how many ideas a mere alphabet could represent. So I did all I could to help me prepare, which included taking a break from other hobbies, like swimming and dancing, and prioritizing and focusing on what I loved most, spelling. Nonetheless, my effort seemed to carry some fruit, as I had always dreamed of making it to the national stage in Washington D.C. That year, in 2011, I was declared as a semifinalist and tied for 19th rank, being eliminated in the sixth round because I was attacked by a "coelurosaur".:)

But for sure, that week was the best week of my life at that point as I got to gain so many experiences, compete in a lovely ballroom, tour D.C., wander around the glorious Gaylord Hotel, meet Dr. Bailly as well as plenty of other people I have always wanted to meet, learn several new words, and most importantly, forge friendships with people who had the same passion as me. These friendships have lasted a long time, and I'm sure they will stay throughout my life. Altogether though, I was determined to come back the following year to experience the thrilling event all over again and I surely hoped to do even better!

That summer, the one of 2011, I attended the NSF National Finals for the Senior Spelling Bee in San Jose, California. There I became honored with title of champion of the Senior Spelling Bee (I was in my 7th grade year). It was a great experience and I had lots of fun. I really think that this achievement of mine pushed me forward and urged me to read the dictionary for my upcoming last year of eligibility for the Scripps National Spelling Bee in 2012.

So I continued my hard work this year. School and homework load wasn't like it was back in fifth grade; now I had to cope with challenging courses with four to five hours of homework. The most suitable time for me to study would be at dawn, before school began. I would wake up at 5:00 AM each morning to try to get an hour and a half of spelling done. And after finishing homework and spending time with my sister, I would spend whatever time I could on spelling at night. On weekends, I tried to spend 8 to 10 hours a day leading to

almost 26-30 hours per week. I decided to delve into the dictionary. I went through it in a quick parse (about 30 pages a day), which took three months, and I highlighted and took notes on notable words. Then, in another three months, I went back through and studied and looked over the good words I had found. Truthfully, I thought it was a lot of fun and I enjoyed every single moment of my preparation. When many say that they compete against the dictionary, I took the dictionary to be my ally and best "silent" friend as it had given me so much knowledge and had supported me throughout spelling bees, and was always ready to open up, embracing me with its pages.

Within a couple of months, I found myself standing on the stage in the Maryland Ballroom once more, facing Dr. Bailly for my word as myriads of cameras and lights pointed at me. It was about 9:30 PM on May 31, 2012. Here I was, one of two remaining spellers in the climax of the highly awaited 85th annual Scripps National Spelling Bee. Finally, I bowed down to the word "schwarmerei", and finished as runner-up. What a long way to have come from being crowned as runner-up in my school bee just a few years ago! However, I think runner-up is the toughest spot to get because you know you were so close. Getting the final ding of the spelling bee, rather than the final word, was quite overwhelming at the moment. But I realized that headlines will come and go, and achievements and rank will be forgotten as we go about our lives. What really matters is what I got out of my spelling bee journey: a vast amount of knowledge, plenty of character-building experiences, life-lasting memories, and most importantly, life-long friends.

NSF has had a profound impact on my spelling bee career as well as my life. I found out about NSF in 5th grade, and competed in the spelling bee in the Jacksonville chapter. It wasn't until 6th grade that I made it to the national finals in the Senior Spelling Bee (I got 5th rank). In my 7th grade year, like I said, I was declared the champion of the National Finals Senior Spelling Bee.

One way NSF has helped me is that it provided me with an intermediate stage to spell; it wasn't just only the Scripps Bee where I got to compete as a speller. This always added on to my experience and presented new words, which definitely helped me with the Scripps Bee. As I mentioned before, my performance at NSF National Finals acted as a platform for Scripps and gave me the confidence to come home and dive into the dictionary. Also, registering at NSF provides a list of words. The techniques to master these types of lists aided me in approaching the dictionary in the same manner, alphabetically. Only difference was that the dictionary was on a much larger scale!

In addition, NSF has given me more opportunities to meet many of my dear spelling bee companions. At the national level, we all have a blast while we enjoy what all of us love most, spelling. The saying absence makes the heart grow fonder holds true in this case, because we don't see each other on a daily basis and always wait to see one another. I also get to meet many other new kids and befriend them. Overall, it feels like a big family reunion!

On a final note, I would like to thank NSF for all that it has done for me, and what it has done for the students back in India. Such a noble cause is greatly appreciated from my side. Thank you NSF for doing what you do. Thank you for allowing me to spell. Thank you for letting me meet some of the best people in our chapter in Jacksonville, and at the national finals. Thank you for bringing me and all my friends together. And thank you for giving me fond remembrances that will last me a lifetime.

WILLING ESSENCE

~ Kuvam Shahane

N K

E

Elongated colloquies await them, balance is an elusive concept

Their own work to do, places to go, and things to do

Yet they find time for North South Foundation

Lifting over stone and barrier for a suave contest we see unravel before our eyes

Fending off the onus for a burning essence; a fiery volunteer spirit

Operating the microphones with caution, running rapidly from one place to another

Never do they tire, never do they stop

And for this we thank you, the volunteers of NSF.

Everyone is equal, from Dr. Ratnam Chitturi to anyone else

Loving and caring about the great foundation that is NSF

Never complaining, not even single a moan

Toiling countless hours planning and perfecting

Not once is a penny requested

Noble hearts just volunteer, for it is their soulful motivation

All ages do their part whether it be a juvenile teenager or a senior citizen

And for this we thank you, the volunteers of NSF.

Adroitly, volunteers lay at the base of NSF

Whining is a sight as rare as a gyascutus, for this is the volunteer passion

A dream, a vision of making great manifest

For this they trek on the volunteer path

Attempting to harvest a sense of comradeship

Making NSF all the better for their perspiration

A perspiration that brings epic honor

A perspiration that brings fruit of success for the NSF spirit

And for this we thank you, the volunteers of NSF.

Dedicating sweat and time

Slowly building up a venue

A barren wall, flavorless bricks are all transmogrified

Into thing of beauty

Slowly, slowly at a snail's pace

NSF; a mere result of your toil

And for this we thank you, the volunteers of NSF.

Perhaps the greatest thing of all

Volunteering everything, putting your heart into a cause

Thus is the volunteer spirit

A spirit so great

Helping and prospering at every step

Doing things previously unthinkable

Such is the willing essence

And for this we thank you, the volunteers of NSF.

We thank you for a great competition you offer to us

We thank you for putting in all the unsung work

We thank you for all the sweaty brows you endure

We thank you for everything you have done for NSF

We thank you, NSF volunteers!

BEE HUMOROUS

~ Rishab Parekh



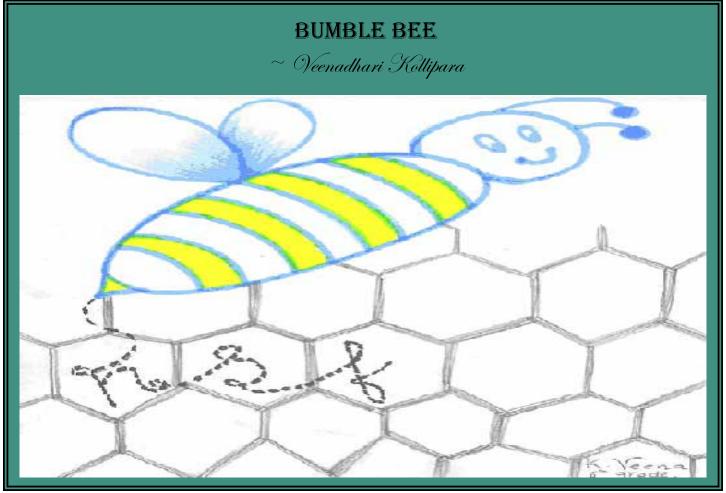
Since this is the season of various bee's including the spelling bee, math bee, geo bee, here is some humor to put a smile on your face.

- 1. How does a spelling bee spell?

 Hmmmmmmmmmmmmmmm......
- 2. Whats yellow-black and letters all over? An UN-spelled bee
- 3. What did witch bee do to other bee? Throw a spell
- 4. What did the mother bee say to the baby bee? Pee bee
- 5. What did the bee say to the gull? Let's play a bugle (bee-gull)
- 6. What did the bee thief say to the cashier? Honey, give me the Money
- 7. What do you get when you cross a bee with a curse? Spell-ing bee
- 8. What goes zuub, zuub...?
 Bee getting the spelling backwards
- 9. What does the bee like to chew? Bumble gum
- 10. Why do bees hum?

 Because they've forgotten the spelling!





BE (EMOTION) ~ Dhruv Hshok W. O, R. D. Unscrambler **SICROUU SOERUNV** NESSASD THLRLI PERDI 7 8 9 10 Unscramble each of the clue words. Copy the letters in the numbered

cells to other cells with the same number.

Answers:

ROLLER COASTER I. CURIOUS 2. NERVOUS 3. SADNESS 4. THRILL 5. PRIDE

AN IMAGINATIVE CONTEST

~ Tara Ramanathan



You know all the facts. You've been in the Math Bee, Vocabulary Bee, Geography Bee, Science Bee, and even the Public Speaking Bee. Yet, there is something crucial missing. You're a booksmart, maybe even a street-smart person, yet you can't use your imagination. Or can you?

This is why I am proposing a new contest—the Creative Writing Bee. An Essay Writing Bee tests your general knowledge and common sense. You have to be good at arguing and have certain viewpoints. Creative Writing on the other hand, tests how far you can let your imagination soar.

The way in which I suggest this contest be laid out, is by telling the contestants three words which must be in their story. The contestants can then write how much ever they are able to in 45 minutes or so using these three words at least once.

Now, would come the tricky part: judging the stories.

I believe the stories should be judged based on a few factors:

- -Writing styles and details—is the story written articulately?
- -Organization of ideas—is the story written coherently?
- -Interest Level—does the story pull the reader in?
- -Are all three words used? If they aren't, this would take off major points.

For this contest, there should definitely be more than a few judges, for many opinions about the stories. This is important, especially when judging the interest level of a story. The more the merrier!

This new contest would be fun, interesting, and great for all age groups! A competition judging the ability of your mind to imagine, imagine, imagine.



~ *A*hila S. Moorthy

The one who adds your knowledge
The one who subtracts your ignorance
The one who divides your weaknesses
The one who multiplies your confidence
The one who differentiates your (good and bad) behaviors
The one who integrates in you good qualities
The one who sums all to the best you can be
Is a great teacher that I really want to be!

LOVING HANDS

~ Maya Nair

I am standing here because of my family.

M	They gave me hope and brought me out of the dark.
AVA	Looking at them brings twinkles to my eyes.
Y	It feels as if I have touched the highest star.
	Even through fights, arguments and misunderstandings,
F	I will always love them and they will always love me too,.
X	And when I grow up, I will soar like a bird,
A	With them 'whispering' advice in my ears:
M	"Choose the right path, choose it now or it will be too late"
T	Because when they are gone
_	They are gone.
L	And I will be left alone by myself.
V	Thinking about adventures we could have explored,
I	Because they supported me in life

ART

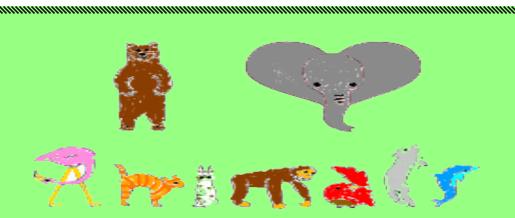
~ Nikita Nutalapati

Images, pictures, fly through my head, Spinning around, fluttering about, I change my mind; maybe this one instead.

Dabbing my brush through the deep rainbow pool, Ever so softly, stroking through mountains, rivers, valleys Or maybe a portrait, an abstract, to art there is no rule.

The white canvas sack, plastered on wood, Fills up with colors, extracting blank white into a masterpiece I would paint the whole world if I could.

Pour some blending medium; add a touch of elegance, a touch of gloss, just grabbing all the ideas out of my mind, pouring it onto the art Going through adventures, fantasy, actions, there really is no line to cross. That's the freedom of art.



~ Nandita Gupta

I love Cheetahs, I love bears,
I love peccaries, I love mares,
And even armadillos that curl up into a ball
And horses which carry loads 3 times the size of their stall!
Yes! I love animals, I love them all!!!!!!



TIPS FOR VOCABULARY BEE

~ Meena Venkataramanan

Use multiple dictionaries: Different sources may contain different definitions. Some sources contain more definitions than others, and if you want to be assured that you have every definition, use multiple dictionaries. An easy way to obtain many definitions is by typing in "define: _____" on Google. Google will make a list of various definitions from different sources on the search page, including Princeton WordNet, Merriam-Webster, and Dictionary.com.

Write down examples for words that you find hard to remember: Examples are a great way to remember the most boring, confusing, or long words. Write down examples on a sheet of paper, and review those examples when you study to memorize the words. www.sentence.yourdictionary.com offers easy-to-understand sentences that will help you see what the word really means, instead of simply memorizing a definition that you don't understand at all.

Make each word memorable: You are unlikely to remember long, boring, or confusing words the first time around, so be sure to make each word memorable, by making it either funny or catchy. The book Vocabulary Cartoons: SAT Word Power by Sam Burchers offers funny cartoons, synonyms, and sentences to remember words.

Sum up the definition of each word: Often, dictionaries will give you very long definitions that you are unlikely to remember word-for-word. Write these definitions down, but also create a "sum-up" for each word by using a more simplistic synonym. Whenever you think of the word, you will think of the "sum-up," which will give you the main idea of the definition. A good place to find "sum-ups" is www.wordcentral.com, an online dictionary created by Merriam-Webster just for kids. It offers short and brief definitions which give you the main idea of the word.

Play the NSF Vocabulary Bee Game: For those of you who don't already play this online game, make sure you give it a try. It uses the same words from the 1000-word study list that is available on the NSF website after registering for the bees, and gives you multiple choice answers. Each answer is comprised of a few words, which is another reason why it is good to use "sum-ups" along with thorough definitions. By playing this game, you will know what to expect during the actual bee, and it is a great way to review the words you've studied.

A Final Note:

I would like to thank North South Foundation for creating the vocabulary bee. For the past two years, I have been participating in this bee and have found that it has greatly improved my writing skills. Even for those who don't think they will win, just preparing to the best of their ability and participating in this bee can greatly improve their vocabulary and future writing skills. The new vocabulary words I've learned have been very useful to me when I write poems, stories, and essays. And lastly, remember that winning isn't everything. A true winner of the vocabulary bee is one who tries hard, benefits from the experience, and uses the words they've studied and learned.

JUMBLE BEE

~ *H*shwin Natampalli

JUMBLE BEE

Unscramble the following jumbles, one letter to each Ssquare, to form five ordinary words.

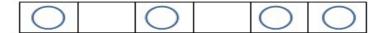
UECYRMR



NMETAS



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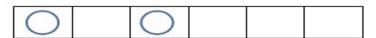
JUMBLE BEE

(CONTINUED....)

AERHBTE



RYGNEE

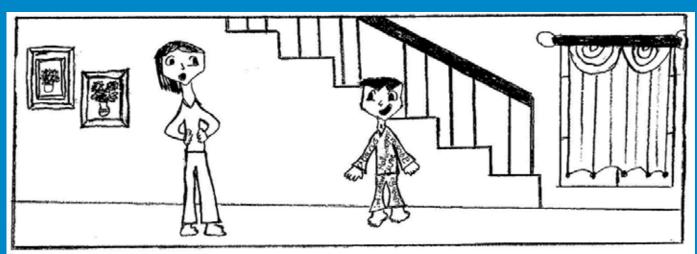


lNow rearrange the circled letters to form the surprise answer. *Hint: Remember the motto of NSF* ???

Answer: BEE THE BEST YOU CAN BEE

CARTOONS

~ Srujan Gubbi



Mom: I thought you were leaving for a birthday party.

Son: Yes, I am.

Mom: Then how come you aren't ready yet? What are all those words on

your dress?

Son: Oh! These are challenging words because the theme of the party is

"SPELLING BEE"

Themed Birthday Party Derplexed Grandparents???







Grandpa: I'm glad that you are going to be here with us during summer holidays. Grandson: I'm also happy to spend my time here with you all. Well, here is the Merriam Webster dictionary....for next 2 months we will be focusing on Latin & Greek root words.

A-Z OF HUMAN RESPIRATORY SYSTEM





ALVIOLI - Tiny air sacs in the lungs where the exchange of oxygen and carbon dioxide takes place.

BRONCHI - Air passages that diverge from the windpipe, serving as conduit for air during inhalation and exhalation.

CAPILLARY - Branching blood vessels that allow the transfer of oxygen into the blood and carbon dioxide out of it.

DIAPHRAGM - Muscular partition between thorax & abdomen that inflates & deflates the lungs for gas exchange.

EPIGLOTTIS - Flap of cartilage which is depressed during swallowing to cover up the windpipe.

FRONTAL SINUS - Pair of cavities in the forehead area that warm, moisten and filter air.

GLOTTIS - Part of the larynx consisting of the vocal cords that allows air to pass into lungs.

HEART- Blood pumping organ that carries oxygen to the body cells throughout the body.

INTERCOSTAL MUSCLES - Bands between the ribs that contract during respiration.

JOINT (CRICOTHYROID) - This joint stretches the vocal folds, giving more space for normal breathing.

KING LOBE - Superior lobe in the lung that filters air and provides oxygen to the bloodstream.

LUNGS - Paired organs in the chest that are protected by the rib cage and perform respiration.

MUCUOUS MEMBRANE - An epithelial tissue that traps small particles like pollen & smoke.

NOSTRILS - Two nasal cavity openings that admit air to the lungs & smells to the olfactory nerves.

ORAL CAVITY - Opening of the mouth through which air passes to and from the respiratory system.

PHRANYX - Pathway that leads to the trachea (air passage) and esophagus (food passage).

QUASI CILIA - Small hairs in the nose that move in a sweeping motion to keep the air passages clean.

RIBS - Slender curved bones articulated to protect the thoracic cavity that yields in breathing.

SMOOTH MUSCLE: Elastic tissue that relaxes (dilation of airways) & constricts (reduction of dead space).

TRACHEA - Membranous tube that connects the air-way of the Mouth-Pharynx-Larynx with the Lungs.

UVULA - Fleshy mass hanging at the back of the mouth that prevents food from entering the breathing passage.

VISCERAL PLEURA - Delicate serous membrane that covers and protects the lungs.

WHITE BLOOD CELLS - Blood cells that engulf and digest bacteria & fungi that slip through into the lungs.

XIPHOID - Extension of the lower part of the sternum & part of the ribs, it encloses & protects the thoracic cavity.

YAPPER - Informal term for mouth is an opening in the human face through which air is taken into the lungs.

ZYGOMATIC BONE - A mandible bone that helps in the opening of the mouth to take a breath of air.

EXTRA DIMENSIONS

~ Abhigya Sodani

Have you ever wondered what it would be like to be a multidimensional object? I have. So when I started reading the "The Elegant Universe" (By Brian Greene), I skipped to the chapter about extra dimensions. After I read it, I decided to write a paper about it.

Only three dimensions meet the eye, but there are really many many more. This is what they are: Spacetime is the fourth dimensional fabric of space. It is the familiar three dimensions (length, width, height) combined with time as the fourth dimension. But there are more. They are two extra dimensions curled up (tiny dimensions) into the shape of a sphere. Each of these spherical dimensions is tacked on to every one of the familiar three dimensions.

Look at figure on the right side - Extra spherical dimensions tacked on to every one of the familiar three dimensions.

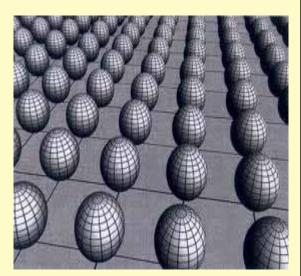
The same two dimensions can also be pictured as a torus or a doughnut. Again they are tacked on to every one of the three familiar dimensions.

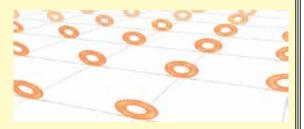
Look at figure on the right side - Torus like dimensions tacked onto every one of the familiar three dimensions.

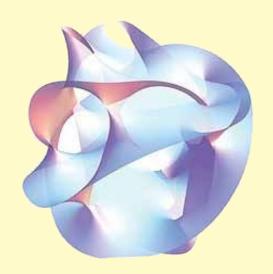
Finally, there is Calabi-Yau space. Calabi-Yau space was discovered by two mathematicians: Eugenio Calabi from The University of Pennsylvania and Shing-Tung Yau from Harvard University.

Calabi-Yau space is just a six dimensional space. But it is the same thing as the spheres and doughnuts (just some more dimensions added). Also, as always, it is tacked on to all of the familiar three dimensions.

But why can we not interact with these dimensions? Why do we need to know about them? The reason we cannot interact with them is because they are sub atomic -- smaller than atoms. Also, why do we need to know about these dimensions? It is because they solve the paradox between Einstein's General Theory of Relativity and quantum physics. There are 10 known dimensions discovered by scientists. But keep in mind; this is just what scientists have discovered. There might be, and probably are many more dimensions.







Bibliography:

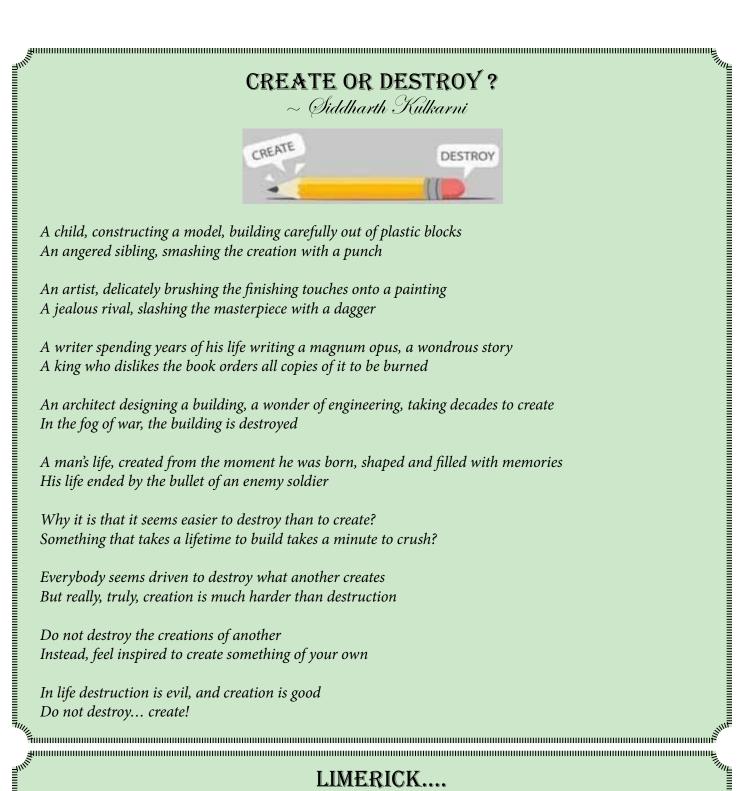
- The Elegant Universe: By Brian Greene

Acknowledgements:

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- scienceblogs.com
- sv.wikipedia.org
- en.wikipedia.org



LIMERICK....

~ Joanna Abraham

Dandelions

Dandelions are so nice.

They do not grow on ice.

Even though they are weeds,

And short are their reeds,

Dandelions do not attract mice.



GEOGRAPHY

~ *H*sha_. Jain

Geography is not easy. It takes several years to master, and yet you still cannot know everything, which causes many people to give up faster.

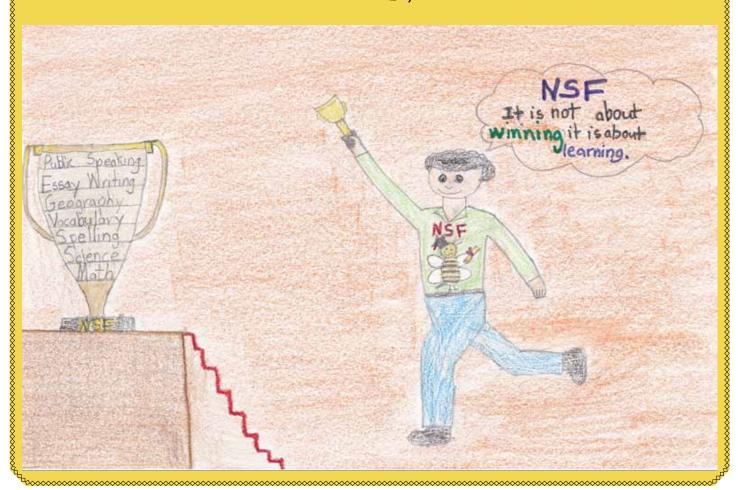
There is always something out there, still waiting to be learned.
There are also many competitions, with scholarships to be earned.

But geography helps you in adulthood too, because there is always news yearning to be heard by experts like you.



NOT ABOUT WINNING!!!

~ Rishith Gopisetti



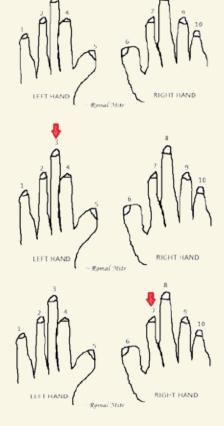
COOL TRICK FOR 9 TIMES TABLE

~ Romal Mitr

First number all the fingers as shown below.

Based on the multiplier, bend the corresponding fingers. Example: If you want to do: 9 X 3, bend the 3rd finger and count the fingers on the left of the bent finger (2) and to the right of the bent finger (7). Now, put them together: 27. That is, 9 X 3 = 27.

Try another one: 9 X 7 = 63!



NSF GARDEN

~ Saipranav Kosuri

There are so many busy Bees in the garden of NSF. NSF is Nature's Smiley Faces.

Be like a busy Bee Earn the honey of knowledge Enjoy the sweetness of success.



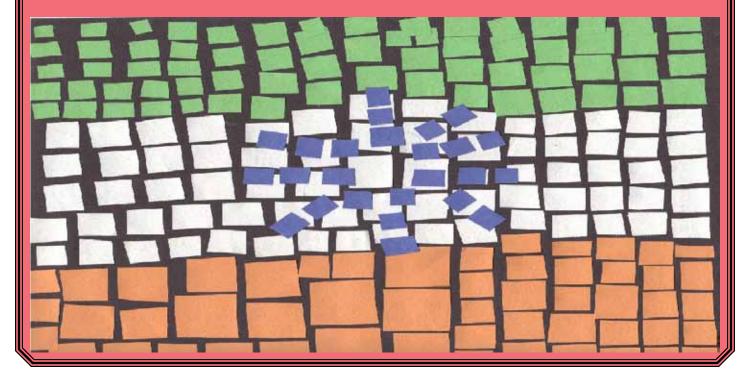
WHAT IS NSF?

~ Anish Ravichandran



INDIA MOSAIC FLAG

~ Sandhya Ganesh



FUNDRAISING THROUGH A RAFFLE

~ Akshay Gowrishankar & Shrija Gandhi

We are two 5th graders from Massachusetts. We conducted a raffle in the Worcester and Cambridge chapter contests. We raised around \$250 in each of the raffles and were able to provide for 2 scholarships. Kids from other chapters can do this too! There are 85 chapters around the country. If each chapter could raise one scholarship through the raffle, we can raise 85 scholarships! Here is how to do it.

INSTRUCTIONS FOR ORGANIZING A RAFFLE:

Materials that you need:

- 1. One roll of raffle tickets (The roll which has tickets in pairs)
- 2. Box to collect tickets
- 3. Three Prizes (See instruction below on how to get these)
- 4. Sheets to make signs
- 5. Pouch to collect money.

Four weeks before contest day:

- 1. First, we need to get prizes for the raffle. Local grocery stores, coffee shops and restaurants usually donate for a good cause like NSF. Before you talk to the shops, get a letter from the chapter coordinator describing the purpose of NSF and the contest. It should have the tax id too.
- 2. Read up a little about NSF and now you are ready to ask the shops for raffle prize donations. Tell them what NSF is and that you are planning to hold a raffle at the upcoming contests and the money collected will go to NSF. Most stores were able to donate within 2/3 days but it is better to start this 4 weeks early because some stores need approval.

On the contest day:

- 3. Set up a table in a busy place. Good choices are next to registration desk or next to snack table.
- 4. Make some signs about raffle. We had the following deal:

1 ticket - \$2

3 tickets - \$5

10 tickets - \$10

- 5. Make sure the buyers write their names and phone numbers if they are not going to be present at the award ceremony.
- 6. At the award ceremony, go on stage with the ticket box and pick three winners.

Most importantly have fun!!!

FASCINATING WORDS

~ Rohan Sachdev

My, oh my, how many fascinating words there are !! Some words are big, Some words are small, and here is the one that I like a lot, "Pneumonoultramicroscopicsilicovolcanoconiosis" is a mouthful, but if you want to save your breath, just say, "SILICOSIS".

My, oh my, how many fascinating words there are !! Some words end with gue, league, fatigue and intrigue, Some words end with que, grotesque, arabesque and picturesque, Some words end with eau, chateau, chapeau and tableau, to name a few...

My, oh my, how many fascinating words there are !! Some words make my mouth water, spaghettine,fettuccine and tortellini. Some words are music to my ears, libretto,staccato and larghetto. Some words are related to sports, baseball,basketball and football, these sure are fun to play !!

My , oh my, how many fascinating words there are !!

Some words are full of fear,
but do not fear my dear,
There is fear of number thirteen ,
and it has a fancy name "TRISKAIDEKAPHOBIA"!
And then , believe it or not ,
there is fear of fear itself "PHOBIAPHOBIA"!
And then again , there is a fear that I have named "MISSPELLOPHOBIA"!
You guessed it right,
it's the fear of misspelling a word.
Never fear this fear ,
just say the letters with confidence my dear!

Spelling bees are full of words,
My , oh my how many fascinating words there are !!

CROSSWORD PUZZLE

~ Apoorva Ravichandran

1		1							
	2					3			
					4			5	
6									
							7		
8									
				9					
10									
					11				

ACROSS

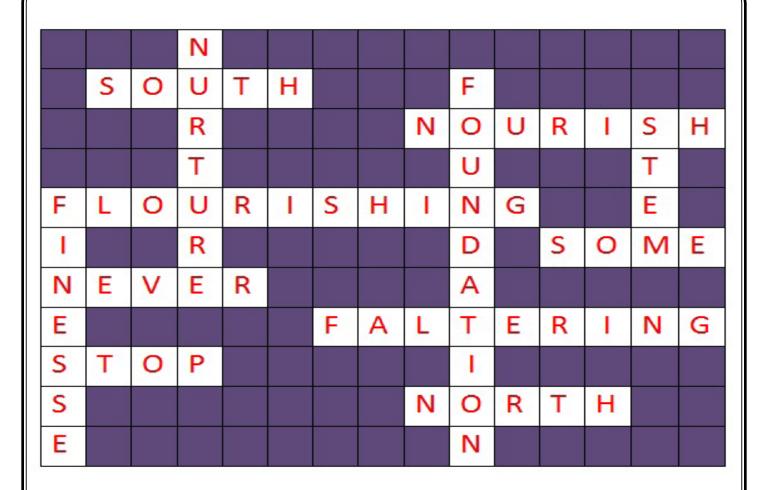
- 2 The Downward Direction
- 4 Strengthen, Provide for
- 6 Blossoming, Blooming
- 7 Between 0% and 100%; a few
- 8 When will pigs fly?
- 9 Bumbling, Stumbling, & Wavering
- 10 What you do when you see a red light.
- 11 Which way does a compass always point?

DECODE MY NSF MESSAGES

ACROSS	11		ACROSS	2	DOWN 3	
ACROSS	8		DOWN 5		ACROSS	6
ACROSS	4	,	ACROSS	10	ACROSS	9
DOWN 1			ACROSS	7	DOWN 6	

DOWN

- 1 To take under one's wing is to ____.
- 3 The basis or groundwork.
- 5 _____ cell research.
- 6 Skills, Style, & Delicacy.



ACROSS

- 2 The Downward Direction
- 4 Strengthen, Provide for
- 6 Blossoming, Blooming
- 7 Between 0% and 100%; a few
- 8 When will pigs fly?
- 9 Bumbling, Stumbling, & Wavering 10 What you do when you see a red light.
- 11 Which way does a compass always
 point?

DECODE MY NSF MESSAGES

NORTH	SOUTH	FOUNDATION
ACROSS 11	ACROSS 2	DOWN 3
NEVER	STEM	FLOURISHING
ACROSS 8	DOWN 5	ACROSS 6
NOURISH,	STOP	FALTERING
ACROSS 4	ACROSS 10	ACROSS 9
NURTURE	SOME	FINESSE
DOWN 1	ACROSS 7	DOWN 6

DOWN

- 1 To take under one's wing is to _____.
- 3 The basis or groundwork.
- 5 _____ cell research.
- 6 Skills, Style, & Delicacy.



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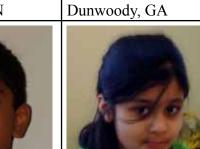
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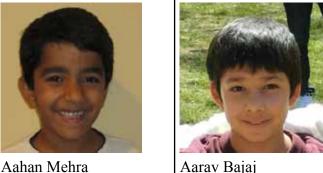




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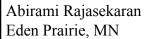














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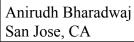
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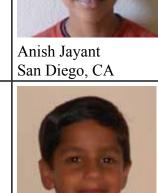








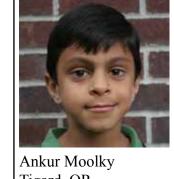
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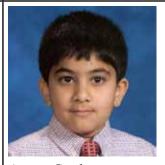
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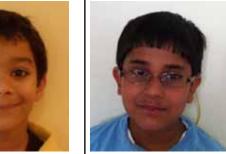
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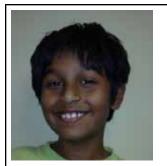


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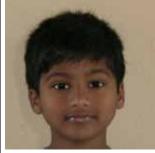
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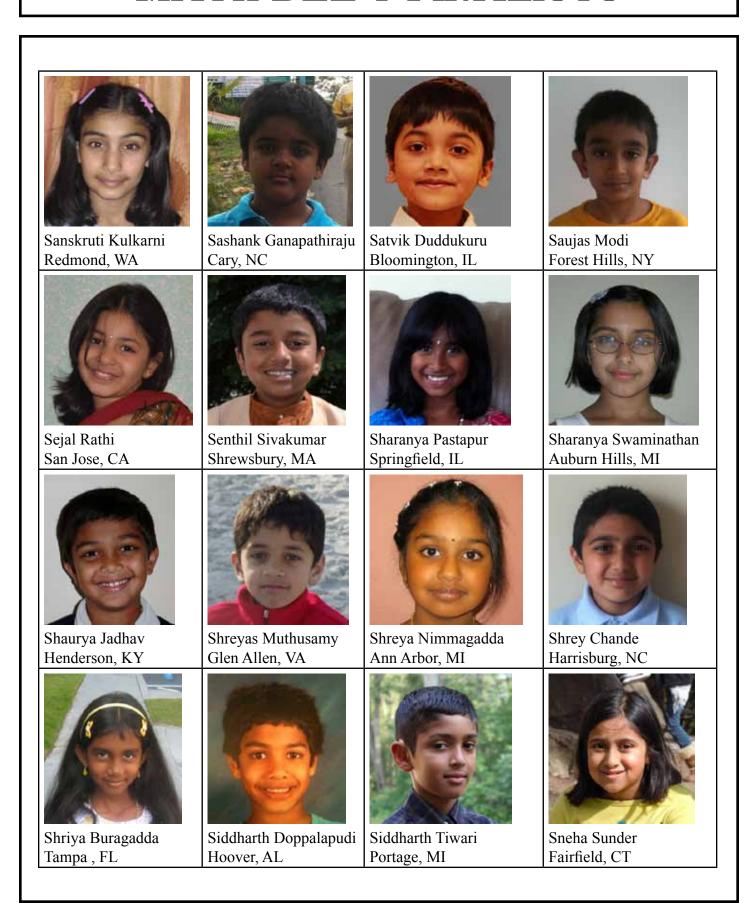


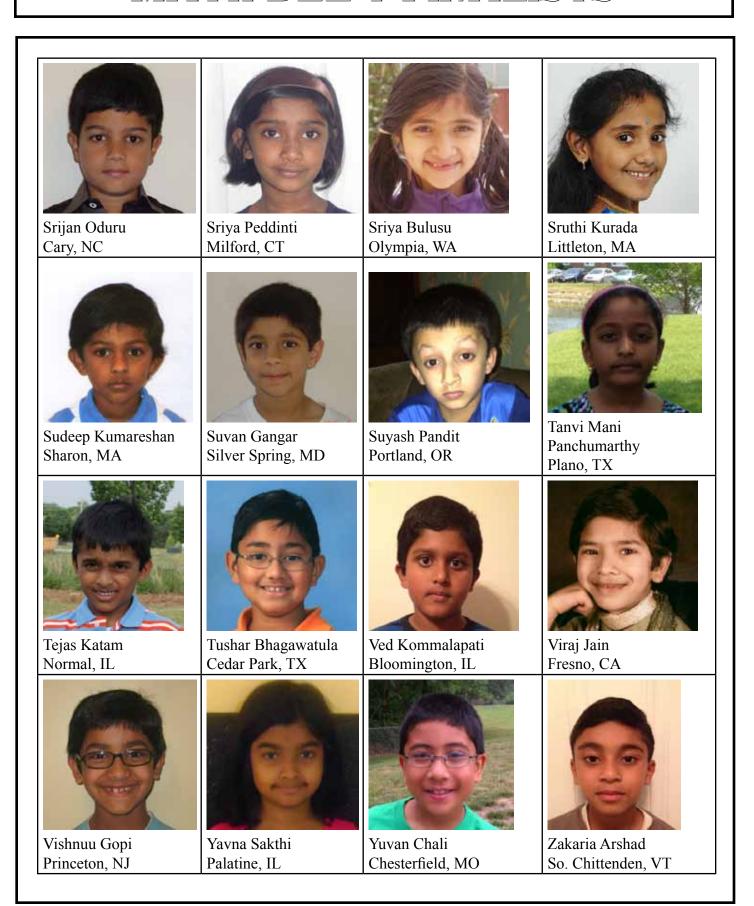
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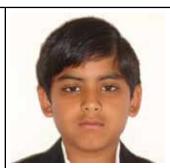
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Abhishek Murli Vernon Hills, IL



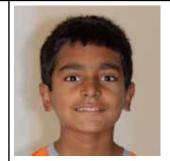
Abhitya Krishnaraj Weston, FL



Adishree Ghatare San Jose, CA



Adithya Kalyanam Reminderville, OH



Aditya Vargheese Overland Park, KS



Ajay Arora Novi, MI



Ajay Jayaraman Dunlap, IL



Ajit Kadaveru Fairfax, VA



Akash Karanam Sugar Land, TX



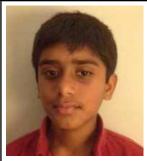
Akshay Gowrishankar Acton, MA



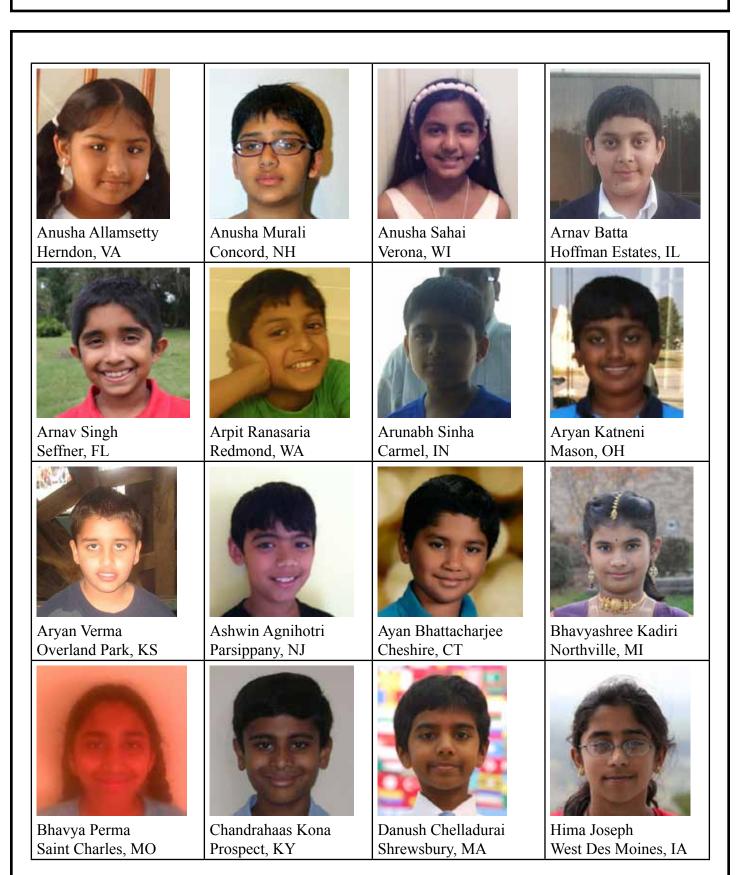
Anirban Sarkar Okemos, MI



Ankith Palakodati Novi, MI



Anuj Sesha Andover, MA







Kanav Mittal Sunnyvale, CA



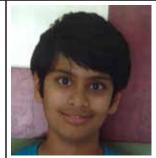
Bloomfield Hills, MI



Isha Kabra Morrisville, NC



Jainil Shah Okemos, MI



Karan Menon Edison, NJ



Kevin Paul Carrollton, TX



Kumar Darsh Farmington, CT



Kunaal Sundara Nashua, NH



Maya Shankar Bridgewater, NJ



Naveen Mukkatt Elmhurst, IL



Neha Vangipurapu Cary, NC



Nihar Shah Duluth, GA



Nikhil Pendurkar Harrisburg, NC



Nikhil Pilli Jacksonville, FL



Om Ajudia Folsom, CA



Pragati Muthukumar Commack, NY



Pranav Arunandhi Rochester Hills, MI



Pranav Krishna Edison, NJ



Pranav Thiriveedhi Mount Laurel, NJ



Prathik Guduri Ann Arbor, MI



Priyanka Iragavarapu Foster City, CA



Rachana Madhukara San Diego, CA



Rahul Krishnan Hopkinton, MA



Rahul Thomas Highlands Ranch, CO



Revati Athavale Mechanicsburg, PA



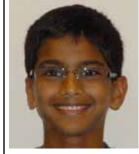
Riju Datta Tampa, FL



Rishabh Gaur Leawood, KS



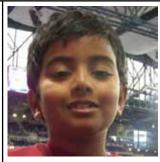
Rishelle Manda Naperville, IL



Rishi Balakrishnan Milpitas, CA



Rishi Salwi Morganville, NJ



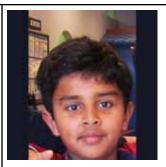
Rithvik Musuku Bloomington, IL



Rohan Nagabhirava Plano, TX



Rohan Ray Troy, MI



Rohet Kumar Chitikela Vernon Hills, IL



Rohin Tangirala Campbell, CA



Ronak Ramachandran Plainsboro, NJ



Roshni Padhi Burr Ridge, IL



Saaketh Vedantam Pembroke Pines, FL



Saketh Malyala San Jose, CA



Sanath Govindarajan Houston, TX



Sean Dsouza Waukesha, WI



Sejal Murthy Parsippany, NJ



Shaan Bhandarkar Potomac Falls, VA



Shalin Patel Ridgewood, NJ



Shivani Nellore Prospect, KY



Shray Gupta Grand Prairie, TX



Shreyaa Raghavan Sharon, MA



Shwetha Kunnam Rockville, MD



Shyam Sai Rolling Meadows, IL



Siddharth Srinivasan Fremont, CA



Sivabalan Muthupalaniappan Thousand Oaks, CA



Soham Bose Irvine, CA



Soham Konar Westerville, OH



Sounak Dey Westerville, OH



Sreekar Madabushi Basking Ridge, NJ



Srihari Ganesh Novi, MI



Srivasudha Ramanujam Hanover Park, IL



Sruthi Parthasarathi Mason, OH



Subhiksha Balaji Centreville, VA



Suchir Misra Jericho, NY



Sunay Joshi Tenafly, NJ



Swanand Kanere Roslyn Heights, NY



Tapabrata Ghosh Portland, OR



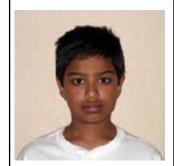
Tejas Badgujar Cumming, GA



Vaibhav Bommalapalayam Schenectady, NY



Vaishnavi Krishnan Grand Rapids, MI



Varun Roy Colorado Springs, CO



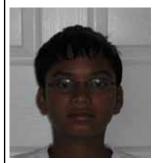
Varun Chheda Indianapolis, IN



Vidhur Ramanujan Westborough, MA



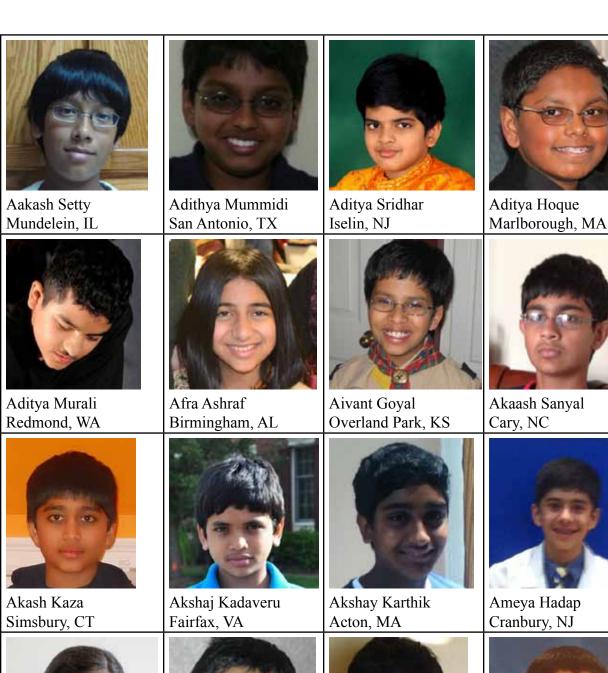
Vidhya Shunmugasundaram Voorhees, NJ



Yash Gupta Princeton, NJ

MATH BEE 2 FINALISTS UNAVAILABLE PICTURES

Neeyanth Kopparapu, Oak Hill, VA Rahul Chakravarty, Frisco, TX Rinni Bhansali, Melville, NY Rohit Ponnada, El Dorado Hills, CA Roshan Thekiniath, Naperville, IL Sai Anantapantula, Northville, MI Sandhya Kumar, Rochester, MN Sidharth Sundar, Louisville, KY Suraj Pakala, Troy, MI Tarun Martheswaran, Draper, UT Thushar Mahesh, Gibsonton, FL





Anjali Nambrath Marlboro, NJ



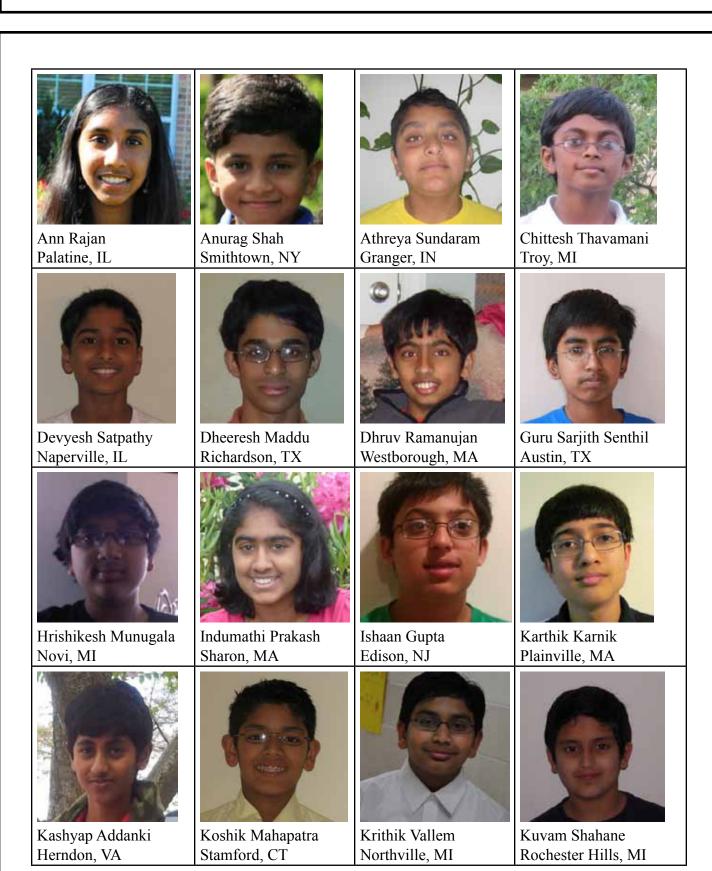
Ankan Bhattacharya Canton, MI



Ankit Patel Princeton, NJ



Ankur Sundara Nashua, NH





Madan Subheeswar Louisville, KY



Manisha Solipuram Novi, MI



Mayukha Vadari Sammamish, WA



Mukund Venkatakrishnan Louisville, KY



Muthu Chidambaram Folsom, CA



Nadha Illikkal Lowell, MA



Neel Shroff North Andover, MA



Nikhil Kuppuswamy Overland Park, KS



Nikhil Reddy Cary, NC



Nilai Sarda Marietta, GA



Nishant Chittari New Albany, OH



Parshva Vakharia Monroe Twp, NJ



Pranav Krishnamurthy Iowa City, IA



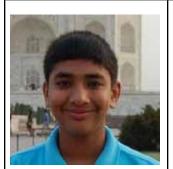
Pranav Narnur Suwanee, GA



Pranav Sriram Carmel, IN



Pranay Vemulamada Duluth, GA



Rohit Rajiv Westford, MA



Sahitheealekhya Batchu Dublin, OH



Sai Mada Chantilly, VA



Sameer Lal Macungie, PA



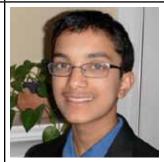
Sanath Kumar Cortlandt Manor, NY



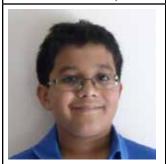
Sanjana Eranki Nesconset, NY



Sathwik Karnik Plainville, MA



Shravan Ravishankar Prospect, KY



Shrenik Kankaria Stamford, CT



Shreyas Ranganath Austin, TX



Shwetark Patel Herndon, VA



Sriram Motheram Canton, MI



Stuti Garg Portland, OR



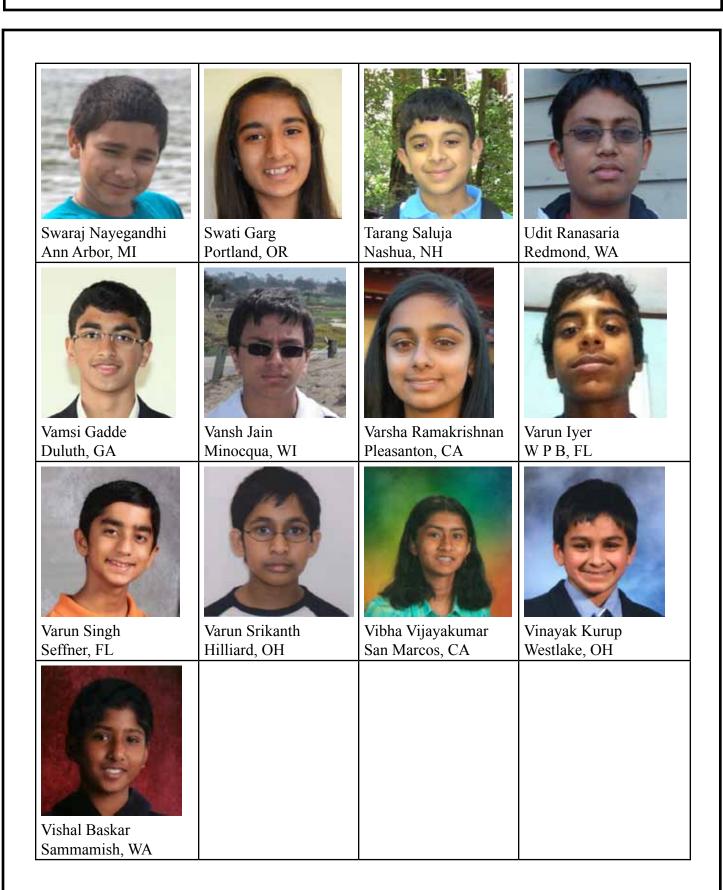
Sumedh Garimella Duluth, GA



Sushil Upadhyayula Plainfield, IL



Suvansh Sanjeev Bellevue, WA



MATH BEE 3 FINALISTS UNAVAILABLE PICTURES

Adithya Vellal, Westford, MA Arushi Arora, Novi, MI Chaman Kumar, Terre- Haute, IN Kavya Kopparapu, Oak Hill, VA Monal Garg, East Brunswick, NJ Narayan Karthik Karra, Normal, IL Neelesh Kris, Troy, MI

Ramya Reddy, Coral Springs, FL Ridhima Mishra, Eagan, MN Rishi Sundaresan, Cary, NC Rohan Jhunjhunwala, Phoenixville, PA Samir Naqvi, Irving, TX Tanisha Martheswaran, Draper, UT Vignesh Valaboju, Ashburn, VA



Aarav Dholakia Cupertino, CA



Aarchan Saxena Jacksonville, FL



Aaron Joy Herndon, VA



Abhinav Karthikeyan Clarksburg, MD



Adhvika Arunkumar Billerica, MA



Adithya Narayanan Concord, CA



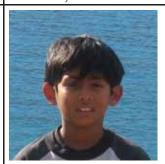
Adithya Ramanathan Katy, TX



Aditi Kona Prospect, KY



Aditya Bachina Sharon, MA



Aditya Chakka Edison, NJ



Ajay Kumar Farmington Hills, MI



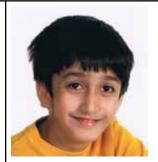
Akshay Shyam Plano, TX



Amulya Raju Canton, MI



Anirudh Bharadwaj San Jose, CA



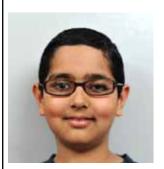
Anish Gupta Johnston, IA



Anjanadevi Govindaraj Nashua, NH



Raritan, NJ



Anshul Rastogi Concord, NH



Arvin Pandiyan Walled Lake, MI



Ashruth Suryanarayanan Olathe, KS



Atharva Pathak Gainesville, FL



Avani Guduri Ann Arbor, MI



Bharathan Sundar Southboro, MA



Diva Sony Dublin, OH



Hari Rakul Ambethkar San Jose, CA



Ilanchezhian Palpandian Fairfax, VA



Ishaan Brar Bakersfield, CA



Kanav Mittal Sunnyvale, CA



Kaushik Tota Sunnyvale, CA



Kiran Gadde Duluth, GA



Manu Ramineni Katy, TX



Naveen Mukkatt Elmhurst, IL



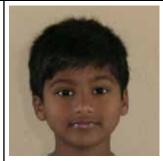
Ojas Bankhele Madison, WI



Omkar Arasaiah Chandler, AZ



Pranavh Pradeep Marietta, GA



Pranav Chemudupaty Pearland, TX



Pujita Tangirala Campbell, CA



Raksheet Kota Katy, TX



Rishi Shetty Troy, MI



Rohan Shelke Folsom, CA



Rohith Ryali Ellisville, MO



Romal Mitr Novi, MI



Roshni Kainthan Morris Plains, NJ



Ruben Pawar Ann Arbor, MI



Rudra Sett Chelmsford, MA



Rutvik Gandhasri San Jose, CA



Saipranav Kosuri Cary, NC



Saketh Sitaram Edison, Nj, NJ



Sashank Ganapathiraju Cary, NC



Sean Sudalaimani Allen, TX



Senthil Sivakumar Shrewsbury, MA



Shourav Dasari Pearland, TX



Shria Shyam Louisville, KY



Siddharth Srinivasan Fremont, CA



Sidharth Ravi Cary, NC



Smriti Sridharan Apex, NC



Sneha Nadella La Grange, KY



Soham Konar Westerville, OH



Srivishnu Desaraju Troy, MI



Sruthi Kurada Littleton, MA



Subhiksha Balaji Centreville, VA



Suraj Rajiv Westford, MA



Swarith Reddy Troy, MI



Tejas Muthusamy Glen Allen, VA



Uma Kasichainula Cedar Falls, IA



Vaibhav Bommalapalayam Schenectady, NY



Varun Agrawal Farmington Hills, MI



Vedant Wasade Troy, MI



Vennela Kantamaneni Troy, MI



Vibhash Devanathan Appleton, WI



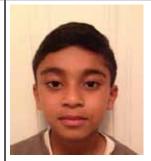
Vinay Panayanchery Moorestown, NJ



Vivek Beeram San Antonio, TX



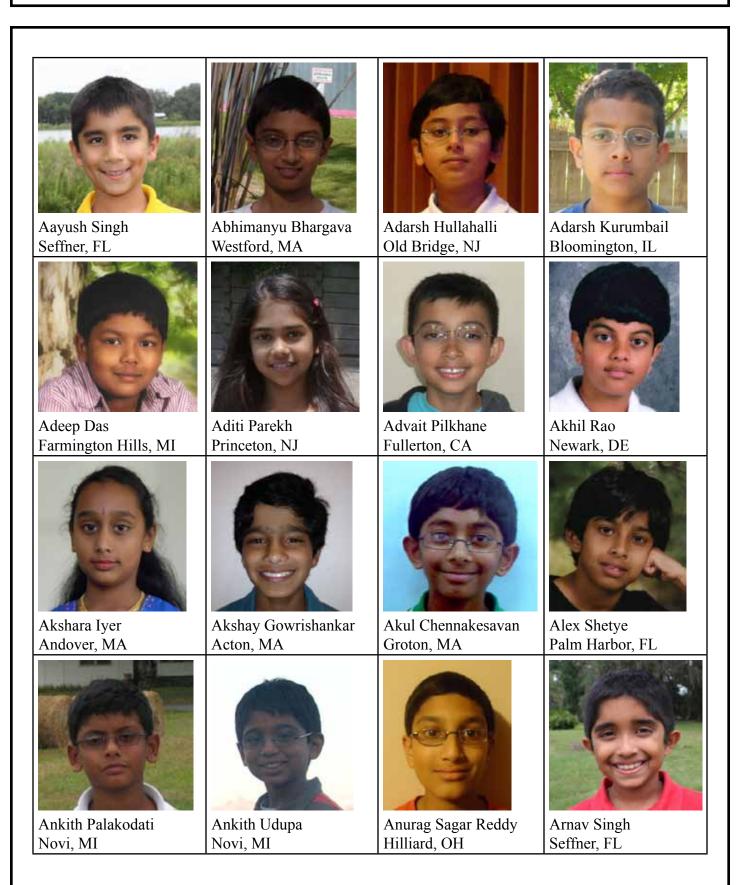
Vivek Vijayakumar San Marcos, CA

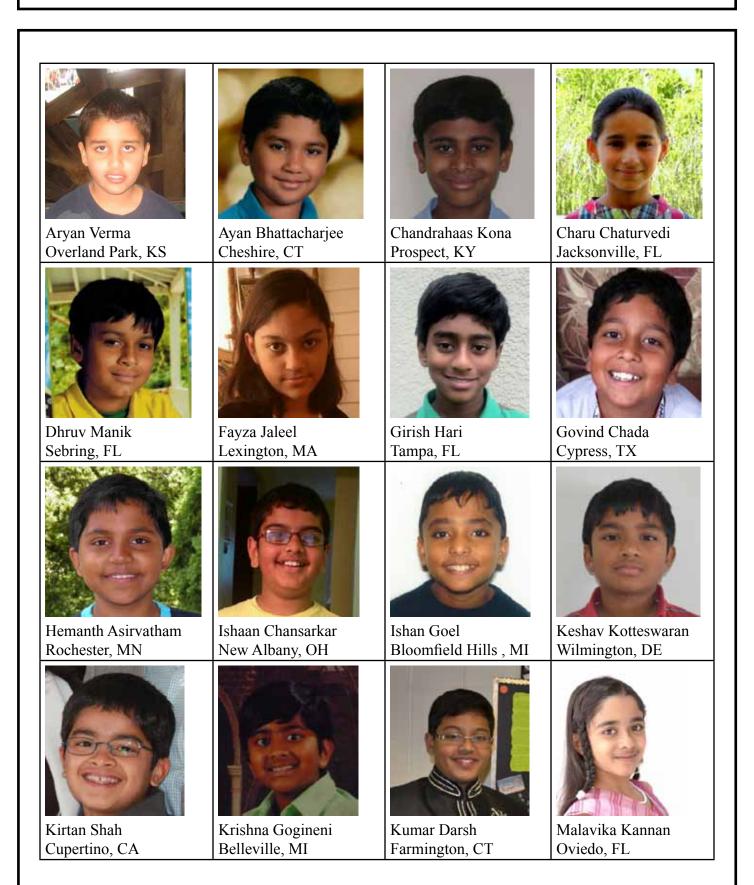


Zakaria Arshad So. Chittenden, VT

JUNIOR SCIENCE BEE FINALISTS UNAVAILABLE PICTURES

Arya Singh, Avon, OH Ashug Gurijala, San Jose, CA Sindhu Bala, Sunset Hills, MO











Meghna Nandam Valrico, FL



Monica Gupta Jacksonville, FL



Navina Mylarassu Champaign, IL





Nihar Shah Duluth, GA



Nikhil Pendurkar Harrisburg, NC



Pranav Arunandhi Rochester Hills, MI



Pranav Garimidi South Bend, IN



Praneet Mekala Shrewsbury, MA



Preethi Saravanan Champaign, IL



Pritham Sambathur Indianapolis, IN



Rachana Madhukara San Diego, CA



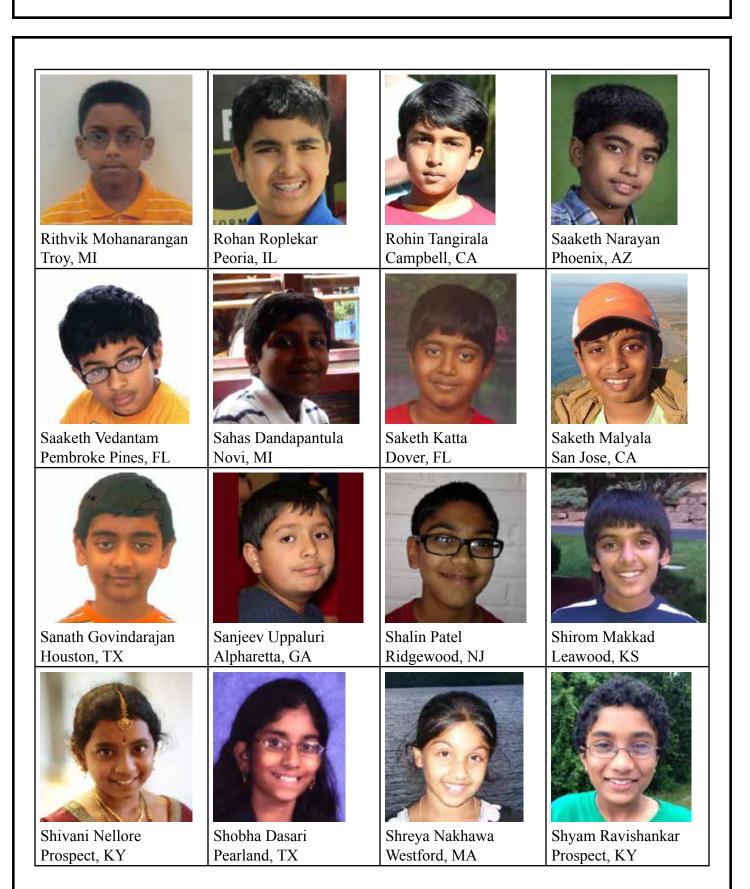
Rachana Sangem Overland Park, KS



Rhea Mitr Novi, MI



Rishi Salwi Morganville, NJ





Sidharth Addepalli Palatine, IL



Soorya Janakiraman Ann Arbor, MI



Sounak Dey Westerville, OH



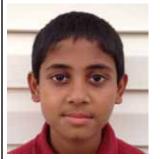
Sreekar Madabushi Basking Ridge, NJ



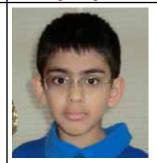
Sruthi Parthasarathi Mason, OH



Suchir Misra Jericho, NY



Sumanth Patil Fairfax, VA



Vaibhav Sharma Oak Hill, VA



Varun Chheda Indianapolis, IN



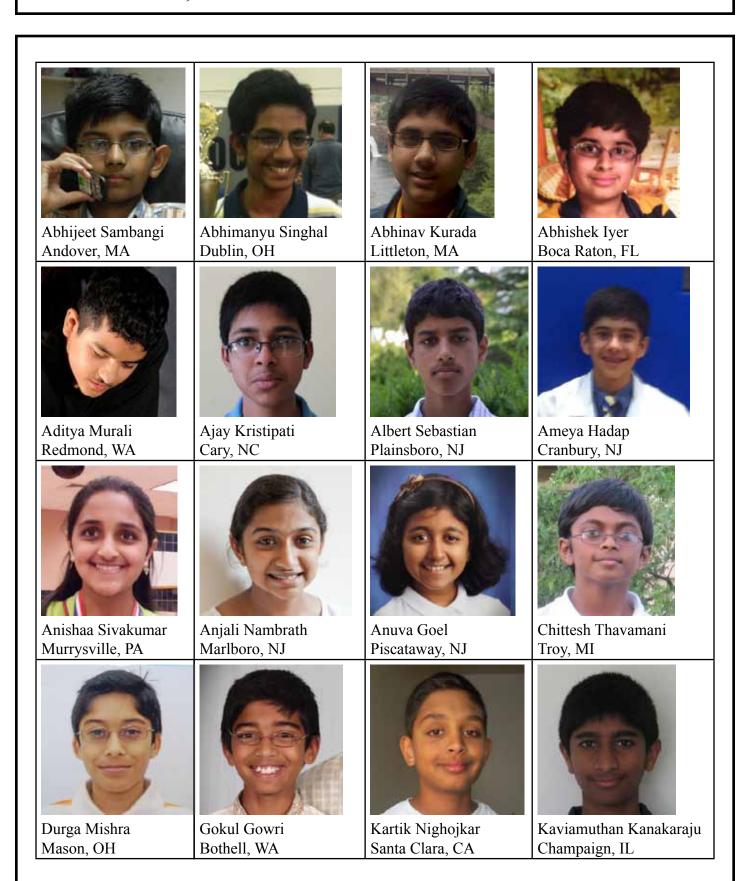
Varun Devraj Chesterfield, MO



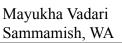
Yajur Sriraman Watchung, NJ

INTERMEDIATE SCIENCE BEE FINALISTS UNAVAILABLE PICTURES

Anirudh Balasubramanian, Westford, MA Anjali Chadha, Louisville, KY Kavya Koneru, Louisville, KY Neeyanth Kopparapu, Oak Hill, VA Nikhil Mantena, Novi, MI Nitin Elavarasu, Ashburn, VA Roshan Thekiniath, Naperville, IL Suyash Dixit, Lewis Center, OH









Keyur Shah Shelton, CT



Kuvam Shahane Rochester Hills, MI



Madan Subheeswar Louisville, KY



Mayukha Vadari



Mayur Paralkar Tigard, OR



Meghana Potturu Katy, TX



Mihir Paralkar Tigard, OR



Neha Seshadri Novi, MI



Nikhilesh Kumar Gold River, CA



Niraimathy-Nyorai Subramani Naperville, IL



Omkar Venkatesh Saint Louis, MO



Pranav Rudra Scottsdale, AZ



Pranay Vemulamada Duluth, GA



Pratiik Kaushik Mcmurray, PA



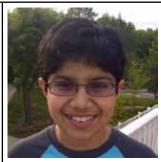
Rahul Rajan Herndon, VA



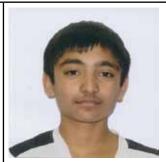
Rohith Hegde Plainsboro, NJ



Rounak Bhunia Rocky Hill, CT



Sanjeeth Rajaram Broadview Heights, OH



Sanjeev Janarthanan Bothell, WA



Sanketh Bhaskar Buffalo, IL



Shivani Kumaresan Urbanale, IA



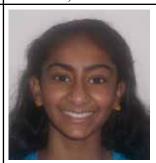
Shiva Balasubramanian Wayne, NJ



Shravan Ravishankar Prospect, KY



Shreyas Ranganath Austin, TX



Sindhu Venkat Coffeyville, KS



Snigdha Allaparthi Westborough, MA



Sriram Hathwar Painted Post, NY



Suryatej Dasari Dunlap, IL



Suvansh Sanjeev Bellevue, WA



Udit Ranasaria Redmond, WA



Vadini Agrawal Naperville, IL



Vansh Jain Minocqua, WI



Varsha Ramakrishnan Pleasanton, CA



Vibha Vijayakumar San Marcos, CA



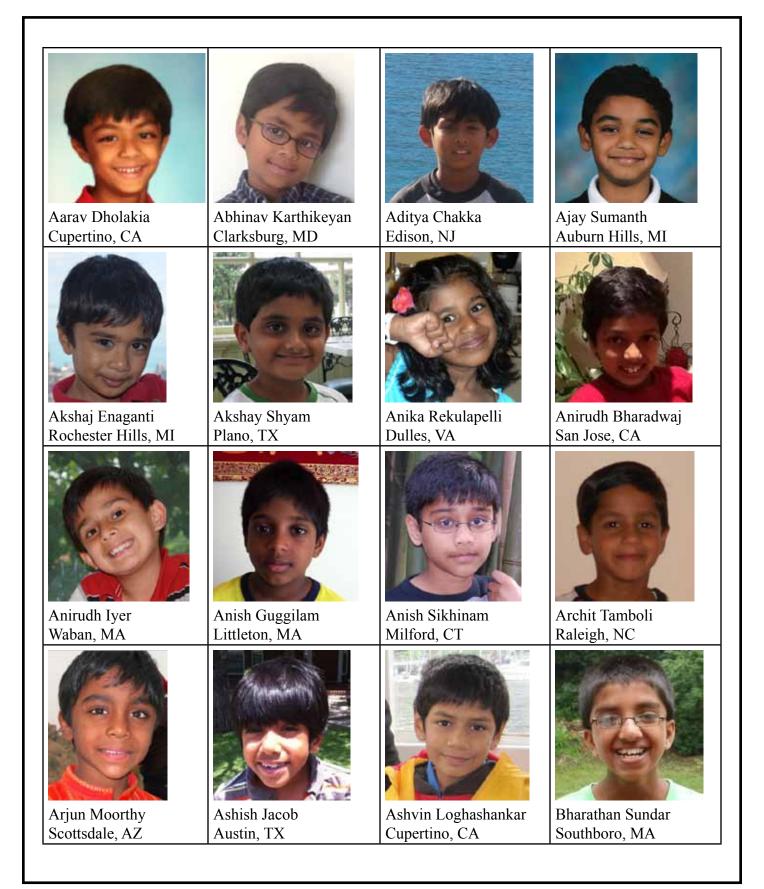
Vishal Baskar Sammamish, WA

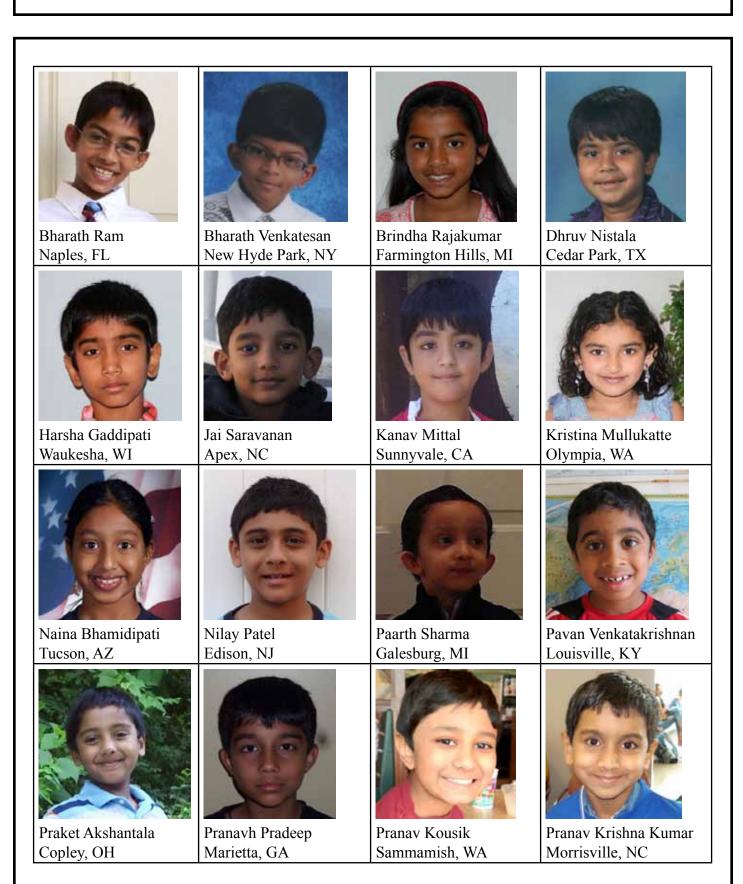


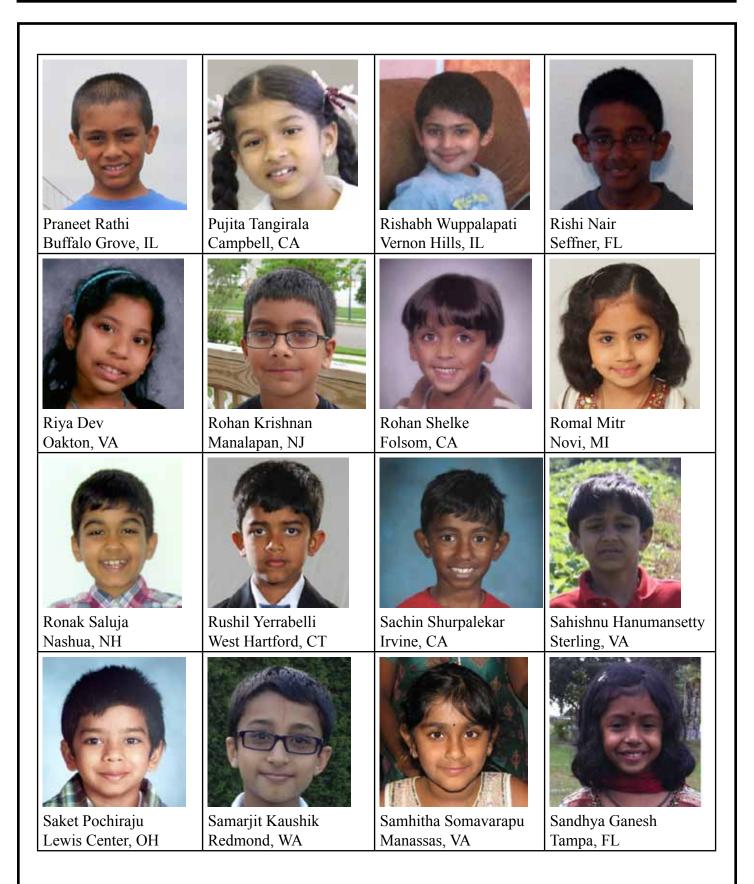
Vishwa Shanmugam Thorndale, PA

SENIOR SCIENCE BEE FINALISTS UNAVAILABLE PICTURES

Arun Arjunakani, Schaumburg, IL Harshith Das, Metairie, LA Kavya Kopparapu, Oak Hill, VA Lokesh Nagineni, Flower Mound, TX Ridhima Mishra, Eagan, MN Rohan Jhunjhunwala, Phoenixville, PA Shankar Pattabhiraman, New Albany, OH Shashank Mahesh, Gibsonton, FL









Sauruv Garg Itasca, IL



Shrinidhi Gopal San Ramon, CA



Shriya Yarlagadda Grandblanc, MI



Shruthika Padhy Phoenix, AZ



Siddharth Kamannavar San Jose, CA



Siddharth Krishnakumar Herndon, VA



Siddharth Shah Sunnyvale, CA



Smrithi Kattethota Commerce Township, MI



Srikant Vasudevan Holly Springs, NC



Srivasudha Ramanujam Hanover Park, IL



Sruthi Kurada Littleton, MA



Sujay Vadderaju St Charles, MO



Suraj Rajiv Westford, MA



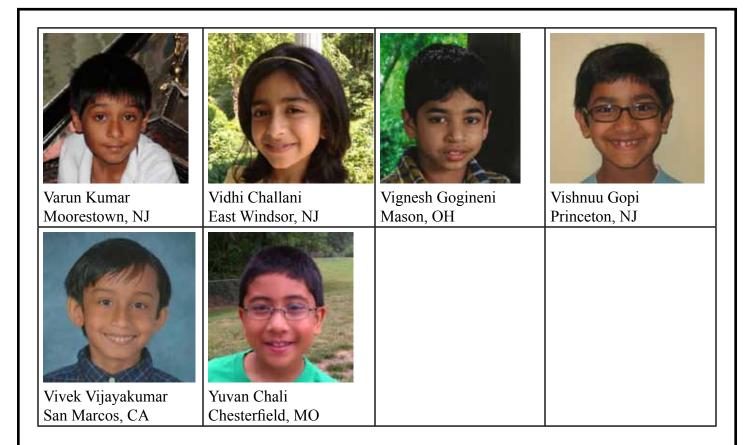
Tanuj Mangalam Carmel, IN



Tushar Bhagawatula Cedar Park, TX

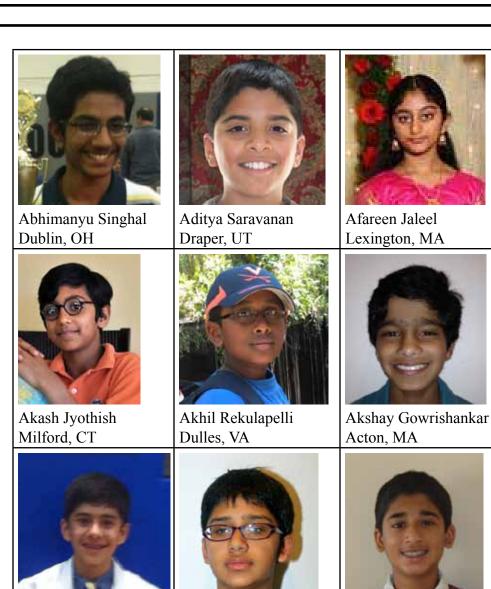


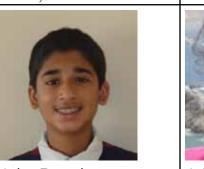
Vaibhav Bommalapalayam Schenectady, NY



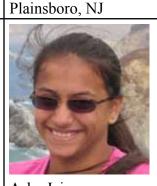
JUNIOR GEOGRAPHY BEE FINALISTS UNAVAILABLE PICTURES

Aarnav Gharse, Edison, NJ Chandra Gangavarapu, Naperville, IL Vishal Sareddy, Suwanee, GA









Albert Sebastian

Asha Jain Minocqua, WI

Akaash Para

Duluth, GA



Ashwin Ganesh Tampa, FL

Ameya Hadap

Cranbury, NJ



Gayathree Gopi Princeton, NJ

Anusha Murali

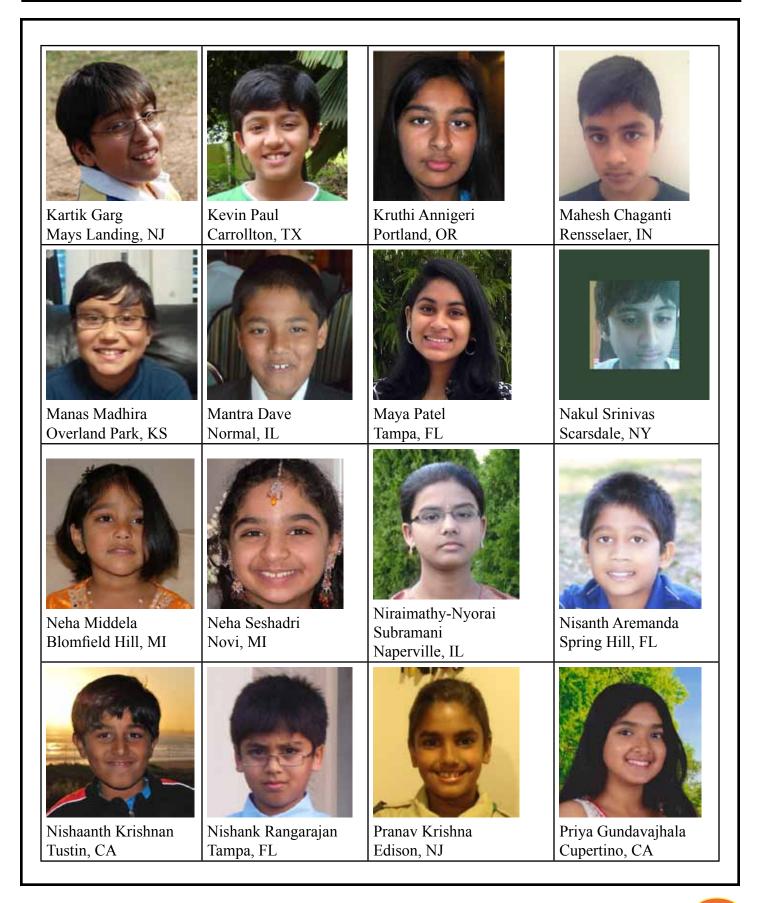
Concord, NH



Govind Prabhakar Deerfield, IL



Jay Mulay Pine Brook, NJ









Rhea Mitr Novi, MI

Rohan Janakiraman Ann Arbor, MI

Rohan Shrivatsa Austin, TX



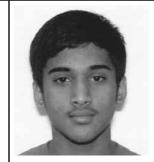
Rohan Singh

Rohit Rajiv

Westford, MA



Saaketh Narayan Phoenix, AZ



Sai Mahit Vaddadi Mechanicsburg, PA



Sanjeev Uppaluri Alpharetta, GA

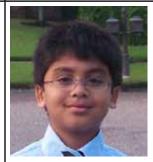
Parsippany, NJ



Sanyukta Deshmukh Rockville, MD



Sarosh Irani Farmington Hills, MI



Sashank Rangarajan Tampa, FL



Sathwik Karnik Plainville, MA



Shalin Patel Ridgewood, NJ



Shravan Ravishankar Prospect, KY



Shreyans Munot Rochester Hills, MI





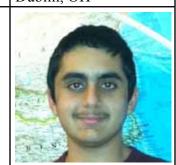
Sreekar Madabushi Basking Ridge, NJ

Sumedh Garimella

Duluth, GA



Sriman Marpadga Dublin, OH



Vasu Malhotra Brooksville, FL



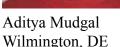
Vibha Vijayakumar San Marcos, CA



SENIOR GEOGRAPHY BEE FINALISTS UNAVAILABLE PICTURES

Arnav Patra, Getzville, NY Shreya Wadehra, Naples, FL Sneha Padmanabhan, Palatine, IL Sohan Shah, Hockessin, DE Suyash Dixit, Lewis Center, OH Vasudev Raguram, Beaverton, OR



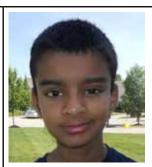




Abirami Rajasekaran Eden Prairie, MN



Adhvika Arunkumar Billerica, MA



Adithya Kalyanam Reminderville, OH



Wilmington, DE



Advait Patel Dunlap, IL



Adya Bhatta Glen Allen, VA



Aishwarya Arvind Detroit, MI



Amitha Devanaboyina Poway, CA



Amrit Chandrasekaran Bakersfield, CA



Amulya Raju Canton, MI



Amulya Setlur West Bloomfield, MI



Anirudh Iyer Waban, MA



Anish Sikhinam Milford, CT



Anshul Rastogi Concord, NH



Anuj Sakarda Acton, MA



Anushka Nayak Portland, OR



Anushka Saxena Coralville, IA



Arjun Ramesh Omaha, NE



Arnav Kankaria Stamford, CT



Arul Kolla Arcadia, CA



Arul Selvakumar Alpharetta, GA



Ashruth Suryanarayanan Olathe, KS



Atharva Pathak Gainesville, FL



Avinash Reddy Manhasset Hills, NY



Brindha Rajakumar Farmington Hills, MI



Deeksha Sridher Omaha, NE



Dharshini Senthilkumar Northville, MI



Eniya Krishnaraj Weston, FL



Eswar Ramamurthy Lincoln, NE



Garima Rastogi Concord, NH



Hannah Ashraf Birmingham, AL



Harish Prasad Manchester, CT



Indu Parameswaran Riverview, FL



Janani Sampath Depere, WI



Jashun Paluru West Lafayette, IN



Jayashree Sundaram Granger, IN



Joanna Abraham Ashburn, VA



Karshana Kalyanaraman Johnston, IA



Karthik Nemmani Normal, IL



Keshav Ramesh South Windsor, CT



Kiran Gadde Duluth, GA



Mahima Das Lexington, MA



Manu Perinchery Austin, TX



Maya Gopala San Diego, CA



Meera Arunkumar Salt Lake City, UT



Mehala Muthukumar Wichita, KS



Naina Bhamidipati Tucson, AZ









Naveen Mukkatt Elmhurst, IL

Navya Guduri New Albany, OH

Nidhi Venigalla Springfield, IL









Nihar Janga Austin, TX

Nipun Gorantla Charlotte, NC

Pallavi Dokka Duluth, GA

Pooja Yalavarthi Ypsilanti, MI









Pranav Tallapaka Irvine, CA

Praneet Rathi Buffalo Grove, IL

Pranhav Sundararajan Westland, MI

Raghav Arun Cary, NC









Rahul Karthi Irving, TX

Rajath Prabhakar Roswell, GA

Raksheet Kota Katy, TX

Rakshita Kota Katy, TX









San Ramon, CA

Rishi Samanta Portage, MI

Ritij Jutur Commerce, MI

Ritvik Vallambhatla Gilbert, AZ









Riya Kabra Morrisville, NC

Riya Misra Sudbury, MA

Rohan Aathreya St Charles, MO

Rohan Alokam Franklin, TN









Ronith Bellary Crestwood, KY

Roshan Pillai Phoenix, AZ

Rushil Negandhi Enola, PA

Rutvik Gandhasri San Jose, CA







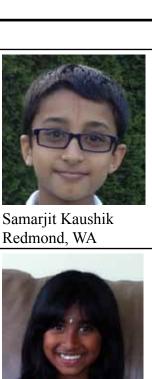


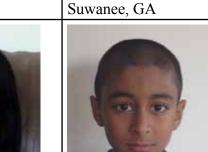
Saathvik Selvan Plantation, FL

Sahasra Maddu Decatur, GA

Saketh Sitaram Edison, Nj, NJ

Samanyu Dixit Appleton, WI





Fishers, IN

Samhitha Yeleti







Sejal Rathi

San Jose, CA







Sankar Ramamurthy

Lincoln, NE

Pearland, TX



Bridgewater, NJ

Shriya Yarlagadda Grandblanc, MI

Shrujana Kunnam Rockville, MD

Shruthika Padhy Phoenix, AZ

Sitara Hoque Marlborough, MA







Sneha Sunder Fairfield, CT



Soham Pati Alpharetta, GA



Sowmya Chundi Carmel, IN







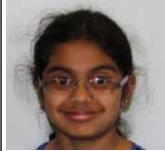
Srichakrika Gudimella Niskayuna, NY

Srinidhi Valathappan Loveland, OH

Sriya Baru Tinton Falls, NJ









Srjana Srivatsa Troy, MI

Subhiksha Balaji Centreville, VA

Sujana Sreenivasan Gold River, CA

Sujana Sridhar Pleasanton, CA









Suyash Sanjeev Bellevue, WA

Swathi Balaji Charlotte, NC

Tejas Muthusamy Glen Allen, VA

Tharini Ramakrishnan Kavitha Portland, OR







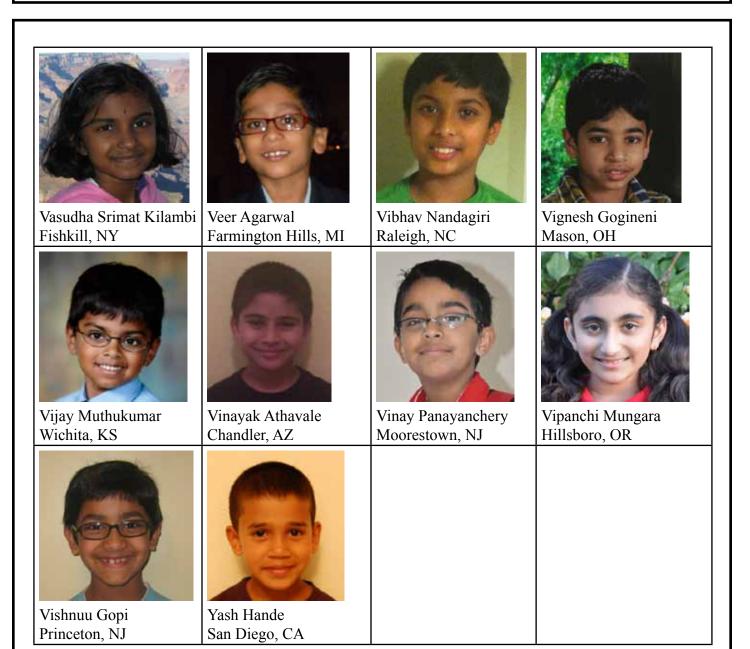




Uma Ashrani Tushar Bhagawatula Cedar Park, TX Rochester, MN

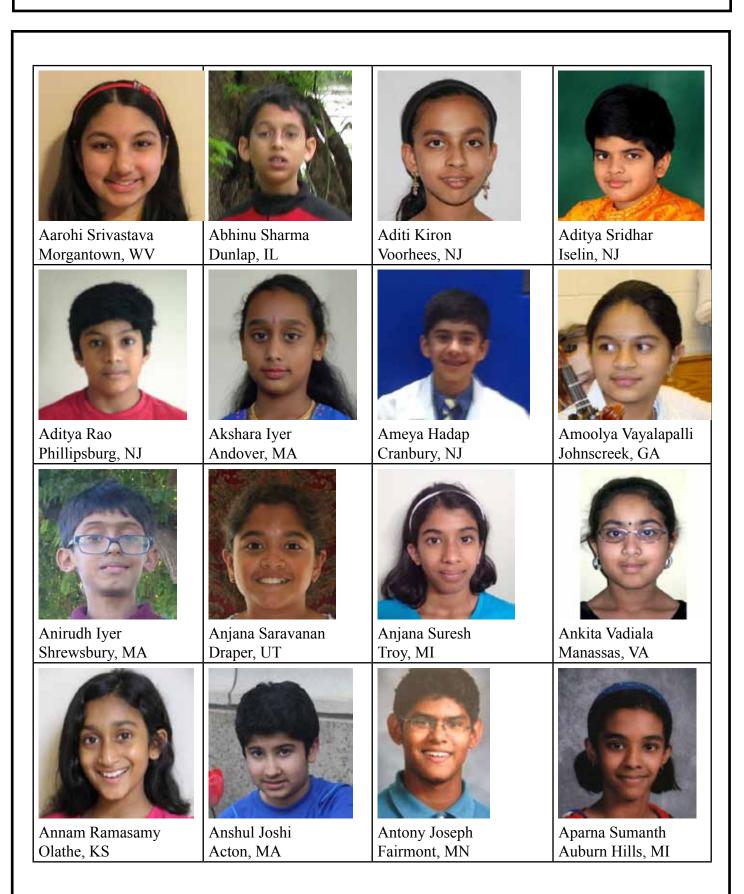
Uma Kasichainula Cedar Falls, IA

Varad Mulay Novi, MI



JUNIOR SPELLING BEE FINALISTS UNAVAILABLE PICTURES

Balamurugan Arunachalam, Canton, MI Chandra Gangavarapu, Naperville, IL Rohan Kurian, Lancaster, PA Udbhav Raghukanth, Columbus, OH











Bhargav Chirravuri Chandler, AZ

Chythanya Murali Little Rock, AR







Devanshi Udeshi Sugarland, TX

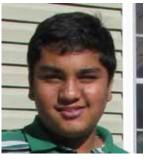
Gayathree Gopi Princeton, NJ

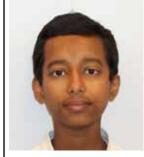
Gayatri Aluri Charlotte, NC

Himanvi Kopuri Denver, CO









Isha Murali Sammamish, WA

Jacob Anthuvan Lewis Center, OH

Jade Samanta Cape Girardeau, MO

Jobi Jose Mount Washington, KY



Kartik Tyagi Cary, NC



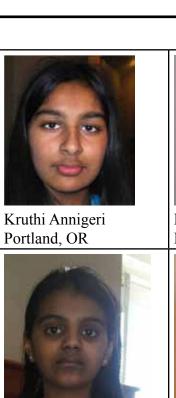
Kavyapranati Pratapa Ypsilanti, MI

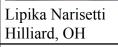


Keerthana Sivathasan Corona, CA



Krittika Negandhi Enola, PA







Medha Venigalla Springfield, IL



Navina Magesh Kumar Dayton, NJ



Kuvam Shahane Rochester Hills, MI





Madhu Gowda Madison, WI



Mihir Laud Kendall Park, NJ



Neha Konakalla Cupertino, CA



Lahari Vavilala Novi, MI



Malar Muthukumar Wichita, KS



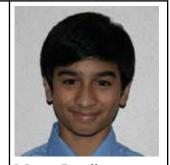
Mihir Paralkar Tigard, OR



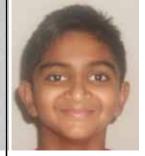
Neha Seshadri Novi, MI



Laya Sathyan Troy, MI



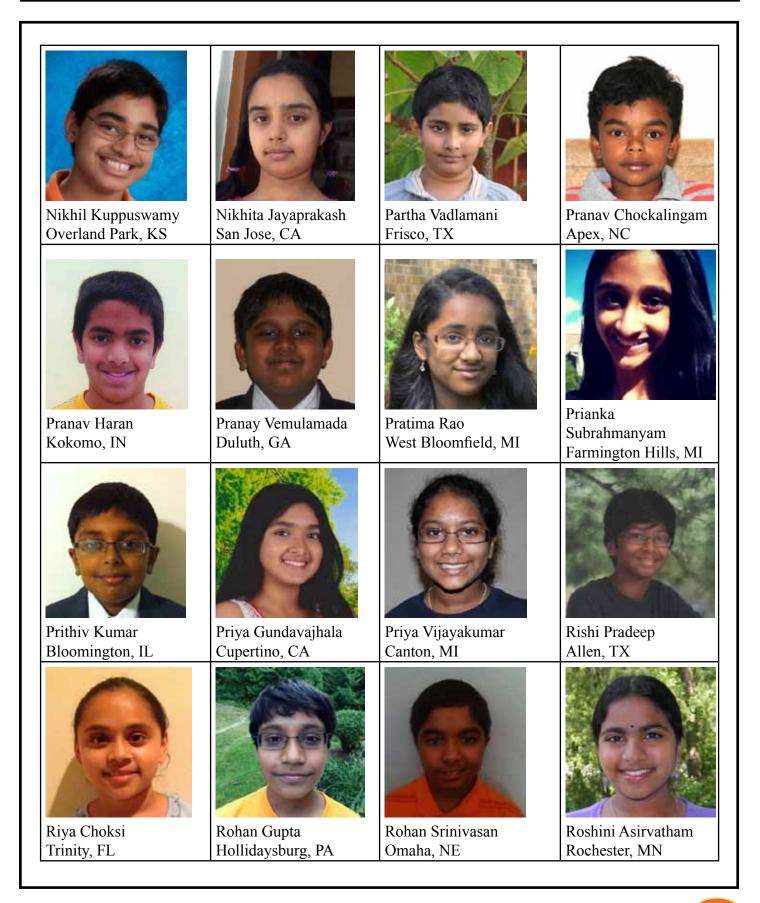
Mayur Paralkar Tigard, OR

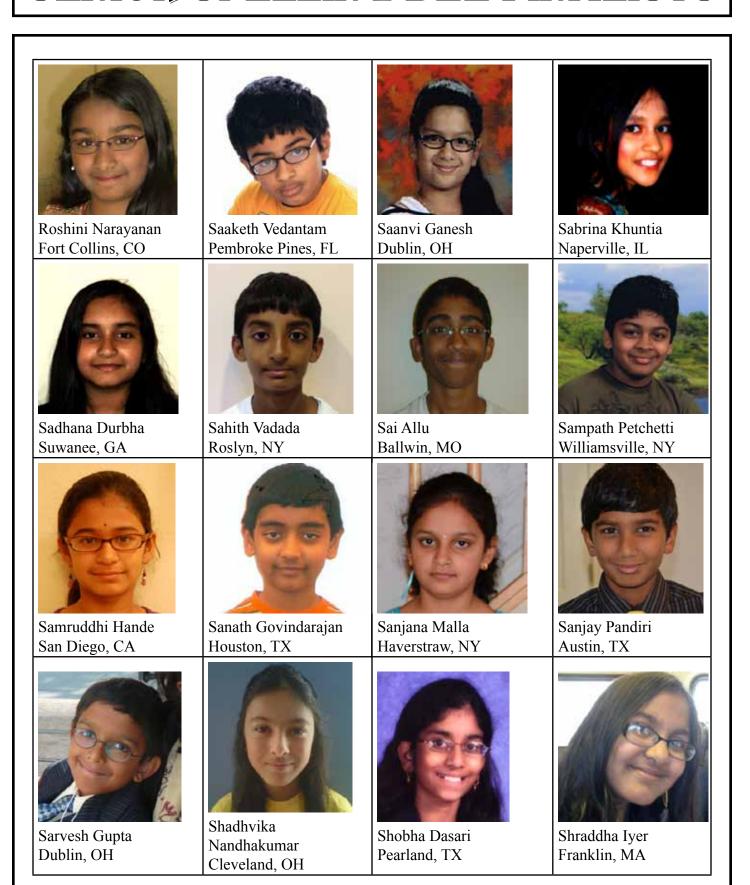


Naveen Venkat Coffeyville, KS

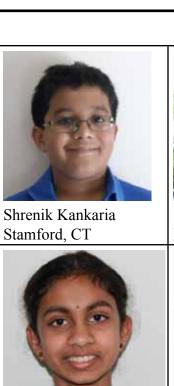


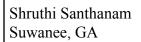
Nikhilesh Kumar Gold River, CA





SENIOR SPELLING BEE FINALISTS









Shreyas Ravichandar Wilmington, DE



Shreya Nidadavolu Tampa, FL





Siddharth Krishnakumar Pearland, TX



Sidharth Suravarapu New Albany, OH



Sindhu Venkat Coffeyville, KS



Spoorthi Jakka Naperville, IL



Sribharat Koripella Troy, MI



Sriram Hathwar Painted Post, NY



Sumedha Attanti Oak Park, CA



Sumedh Garimella Duluth, GA



Sunidhi Sridhar Pleasanton, CA



Surabhi Iyer Franklin, MA



Suvansh Sanjeev Bellevue, WA

SENIOR SPELLING BEE FINALISTS



Tanishq Abraham Sacramento, CA



Varenya Shrikant Coppell, TX



Varsha Ramakrishnan Pleasanton, CA



Varun Kumar Cumming, GA



Vineet Raju Canton, MI

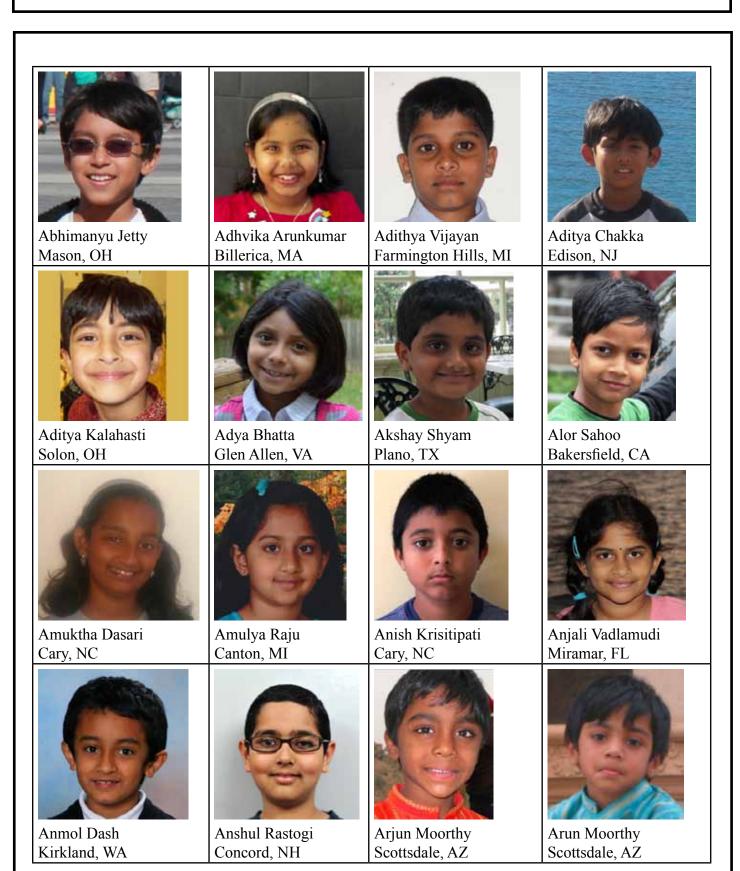


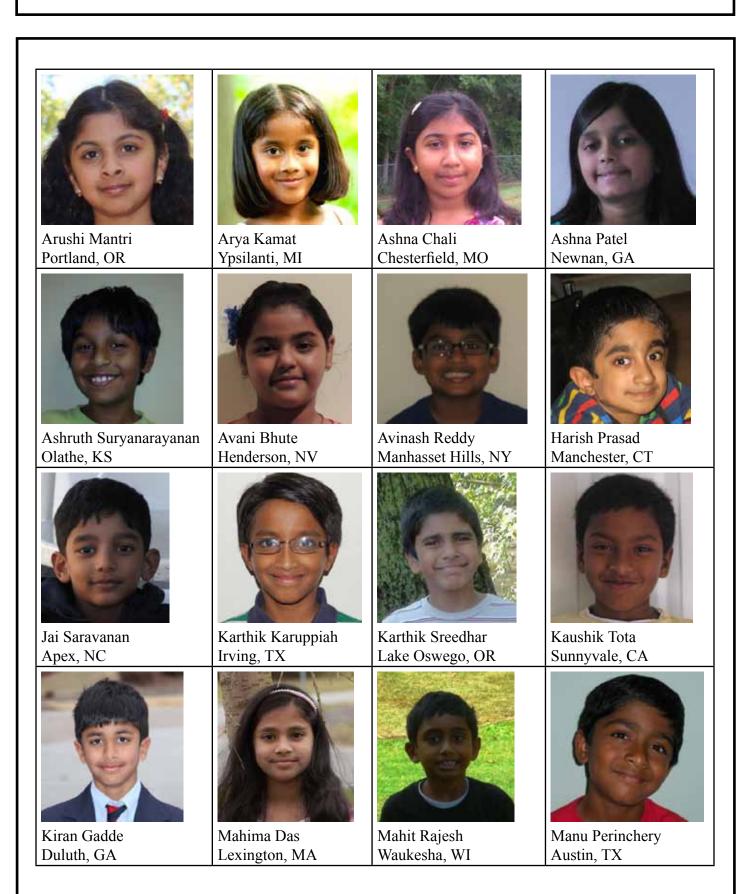
Viraja Alluri Bolingbrook, IL

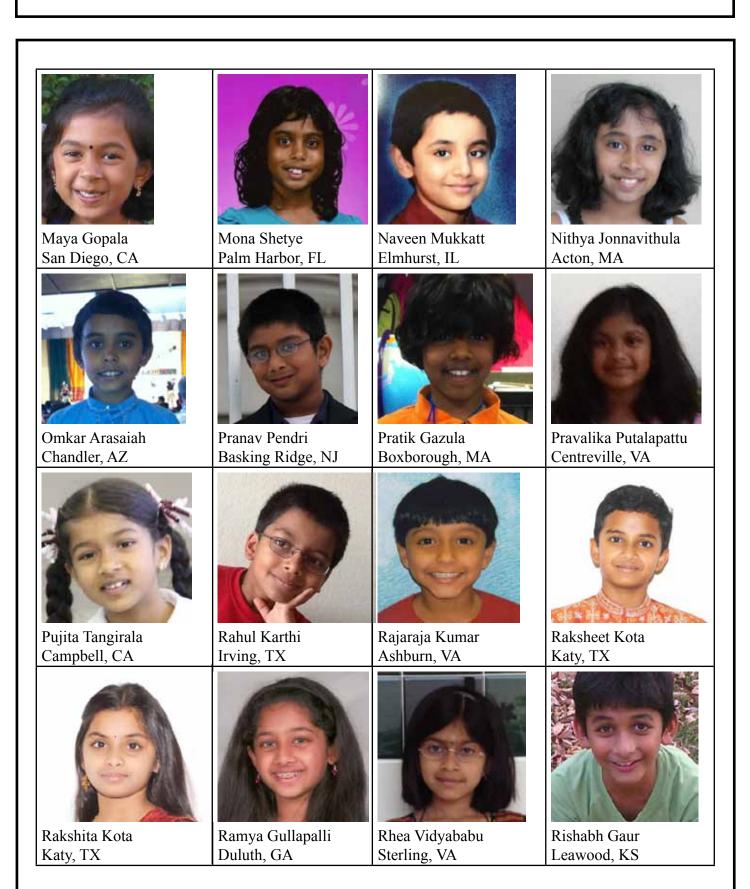
SENIOR SPELLING BEE FINALISTS UNAVAILABLE PICTURES

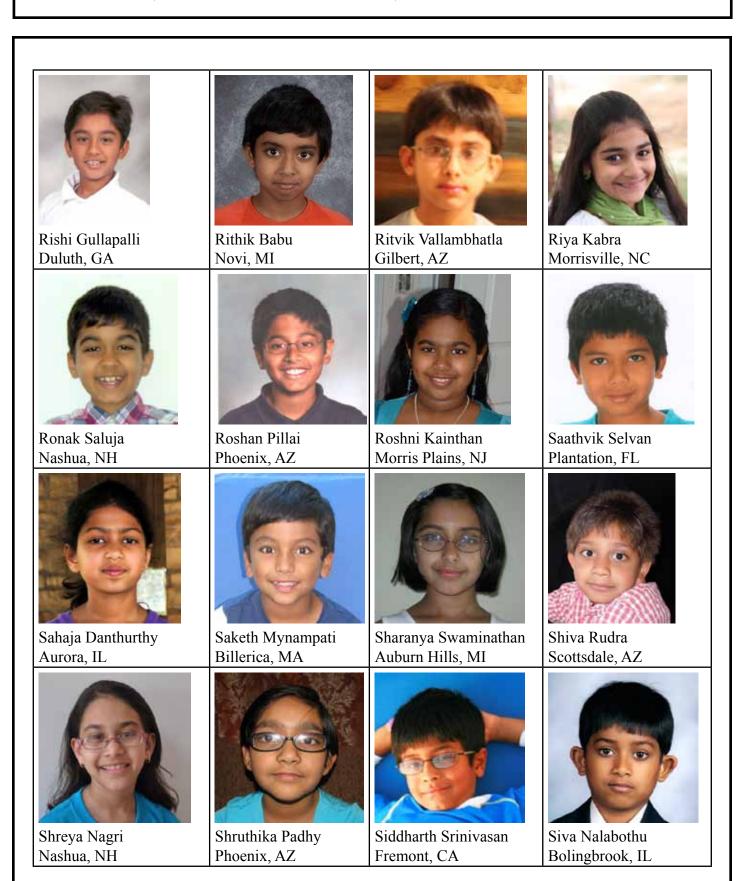
Akshra Paimagam, Charlotte, NC Aniket Nuthalapati, Buffalo Grove, IL Lokesh Nagineni, Flower Mound, TX Manu Bulusu, Chantilly, VA

Shreenidhi Venkataraman, Blackwood, NJ Shreya Minama Reddy, Rochester Hills, MI Sruti Akula, Horsheads, NY Vivek Chinimilli, Novi, MI











Smriti Sridharan Apex, NC



Snehashree Muthuramesh Carmel, IN



Spandana Anchoori Columbia, SC



Srivasudha Ramanujam Hanover Park, IL



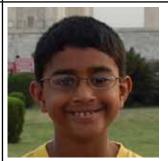
Sri Jaladi St Louis, MO



Sujana Sridhar Pleasanton, CA



Sunthriiwi Venkat Chelmsford, MA



Suraj Rajiv Westford, MA



Surya Ramakrishnan Houston , TX



Tanvi Mani Panchumarthy Plano, TX



Tejas Muthusamy Glen Allen, VA



Teja Gadde Duluth, GA



Tharini Ramakrishnan Kavitha Portland, OR



Tushar Bhagawatula Cedar Park, TX



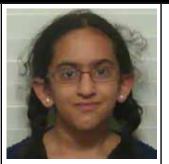
Vaidehee Durgude San Ramon, CA



Vamseekrishna Vemana Canton, MI



Varad Mulay Novi, MI



Varenya Chilukuri Scottsdale, AZ



Varsha Mudaliar Mays Landing, NJ



Varun Kumar Moorestown, NJ



Varun Rajan Rosemount, MN



Veer Agarwal Farmington Hills, MI



Vibhav Nandagiri Raleigh, NC



Vidhi Challani East Windsor, NJ



Vinay Panayanchery Moorestown, NJ



Vipanchi Mungara Hillsboro, OR



Vishnu Pendri Pittsford, NY



Yash Hande San Diego, CA



Yuvan Chali Chesterfield, MO

JUNIOR VOCABULARY BEE FINALISTS UNAVAILABLE PICTURES

Rishi Gabbita, Loveland, OH Sama Nayakanti, Aurora, IL

Shrinidhi Jeyaram, Chelmsford, MA



Abhishek Allamsetty Herndon, VA



Aditya Murali Redmond, WA



Afra Ashraf Birmingham, AL



Ajay Kristipati Cary, NC



Akhil Meka Chelmsford, MA



Akshay Karthik Acton, MA



Albert Sebastian Plainsboro, NJ



Amoolya Vayalapalli Johnscreek, GA



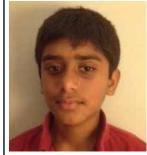
Anika Agrawal San Jose, CA



Anishaa Sivakumar Murrysville, PA



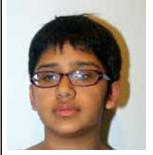
Anjali Nambrath Marlboro, NJ



Anuj Sesha Andover, MA



Anupama Balasubramanian Westford, MA



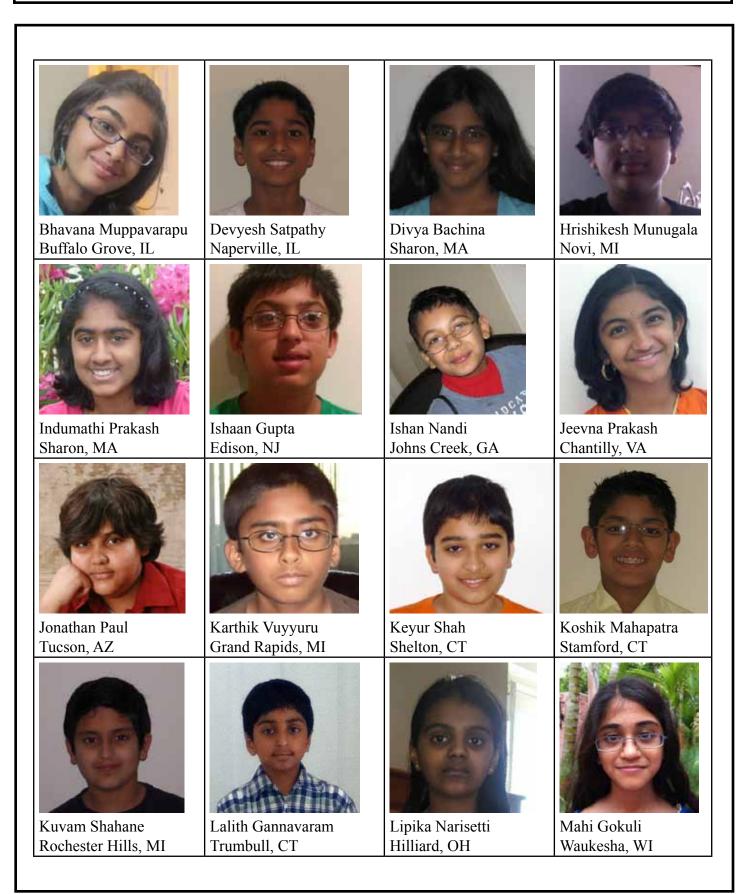
Anusha Murali Concord, NH



Anusha Sahai Verona, WI



Anushka Nair Lake Oswego, OR





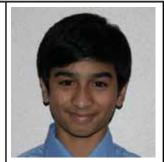
Manish Kondapolu Centreville, VA



Manish Namburi Creamridge, NJ



Mayukha Vadari Sammamish, WA



Mayur Paralkar Tigard, OR



Meena Venkataramanan Tucson, AZ



Mihir Paralkar Tigard, OR



Mukund Venkatakrishnan Louisville, KY



Neha Seshadri Novi, MI



Nikhita Jayaprakash San Jose, CA



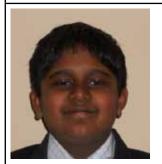
Nikitha Movva Northville, MI



Nitinshankar Subramanian Schaumburg, IL



Prachi Sinha Edison, NJ



Pranay Vemulamada Duluth, GA



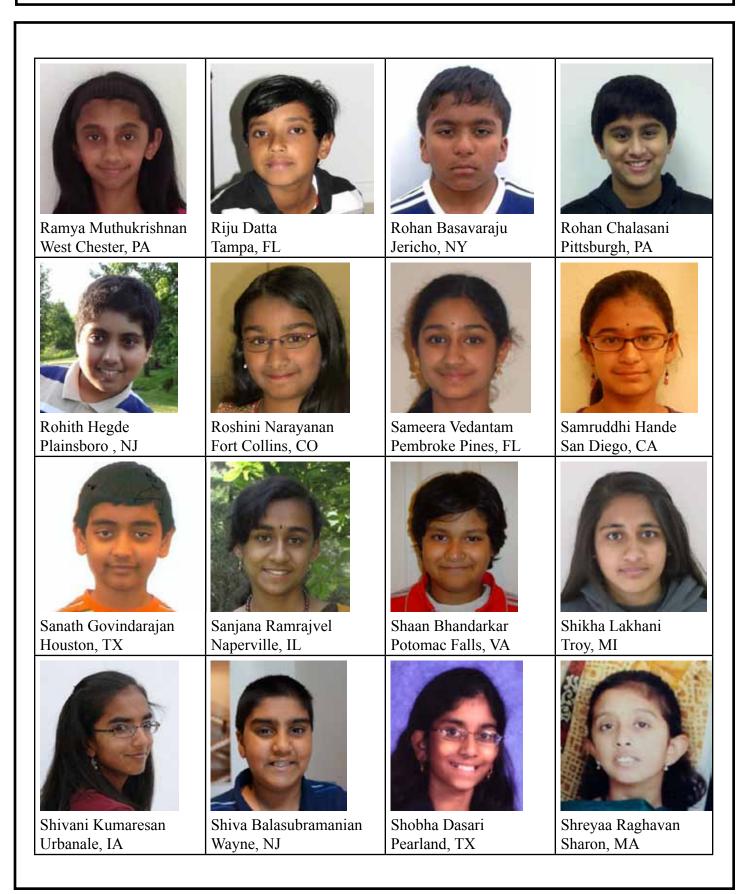
Pratima Rao West Bloomfield, MI

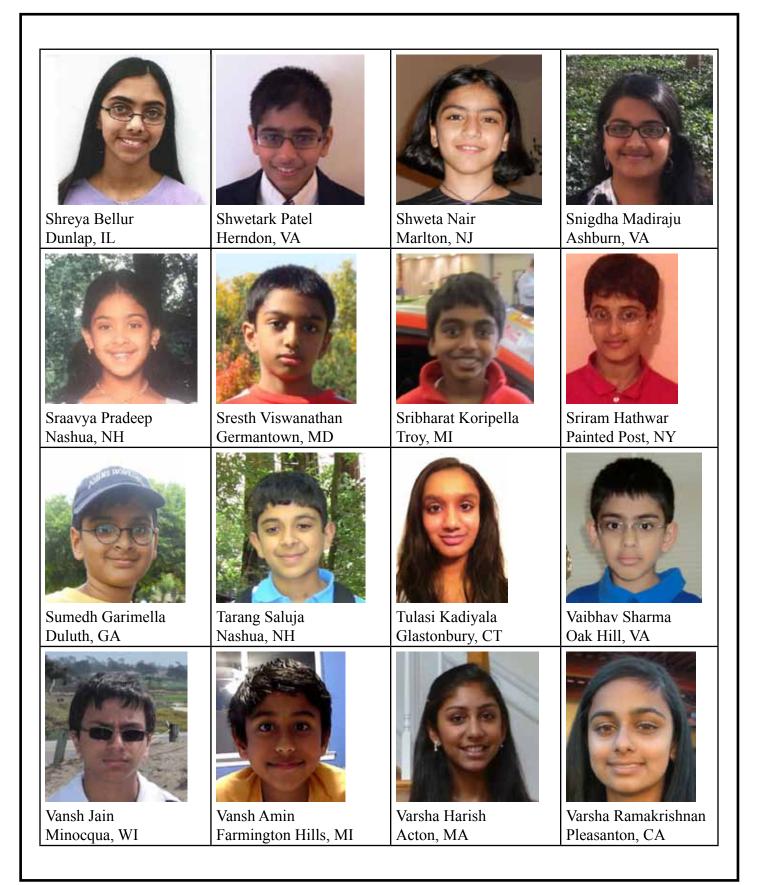


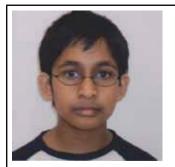
Prianka Subrahmanyam Farmington Hills, MI



Priya Gundavajhala Cupertino, CA







Varun Srikanth Hilliard, OH



Vibhu Teja Mocherla Alpharetta, GA



Vineet Raju Canton, MI

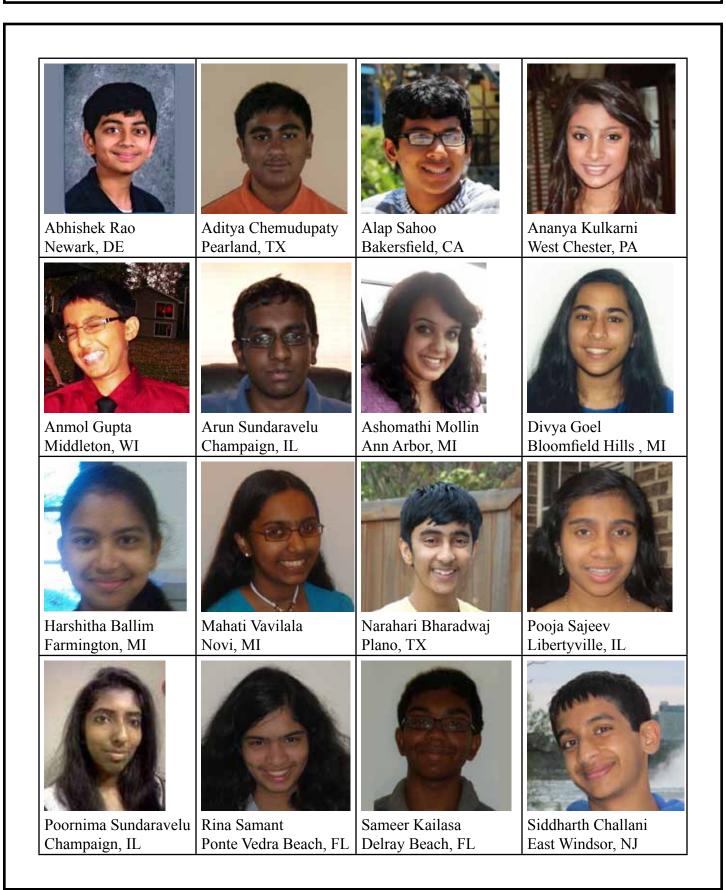


Vishwa Iyer W P B, FL

INTERMEDIATE VOCABULARY BEE FINALISTS UNAVAILABLE PICTURES

Arushi Arora, Novi, MI Lokesh Nagineni, Flower Mound, TX Narayana Prithvi, Oak Hill, VA Rohan Jhunjhunwala, Phoenixville, PA Rupesh Jeyaram, Chelmsford, MA Srisaisuhita Kodali, Upper Saddle River, NJ

SENIOR ESSAY WRITING FINALISTS



SENIOR ESSAY WRITING FINALISTS



Sonia Samant Ponte Vedra Beach, FL



Vanisha Amin Farmington Hills, MI



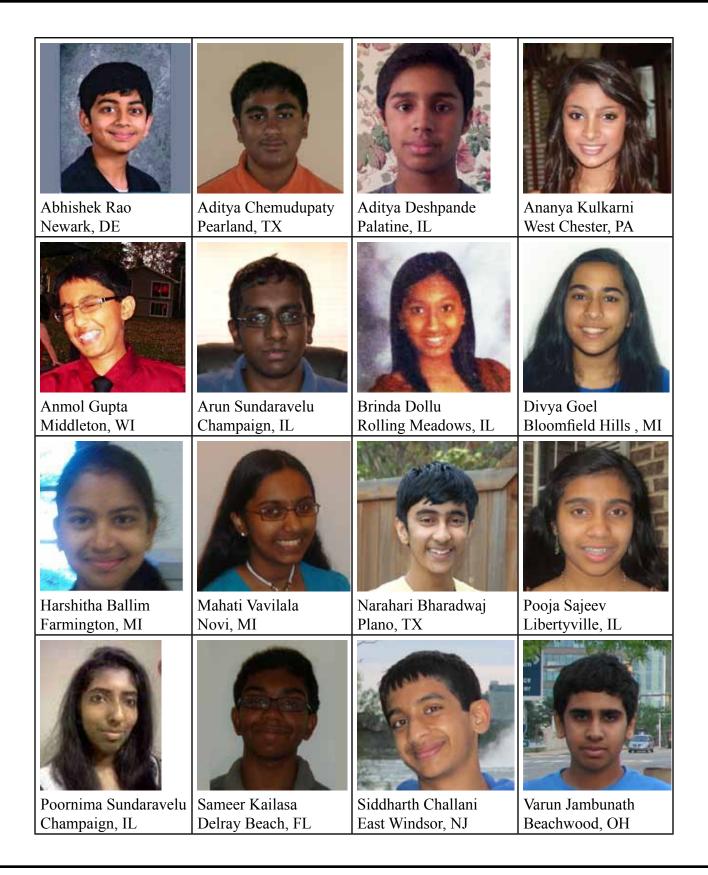
Varun Pitta Belle Mead, NJ

SENIOR ESSAY WRITING FINALISTS UNAVAILABLE PICTURES

Arunsrinivasan Ponshunmugam, Jacksonville, FL Ashwin Johri, Novi, MI Jayant Wunnava, Swedesboro, NJ Karthik Munugala, Novi, MI Miloni Shah, Farmington Hills, MI

Ramya Prabhakar, Roswell, GA Sanjana Salwi, Morganville, NJ Sneha Sharma, Powell, OH Vaishnavi Rao, San Diego, CA

SENIOR PUBLIC SPEAKING FINALISTS



SENIOR PUBLIC SPEAKING FINALISTS



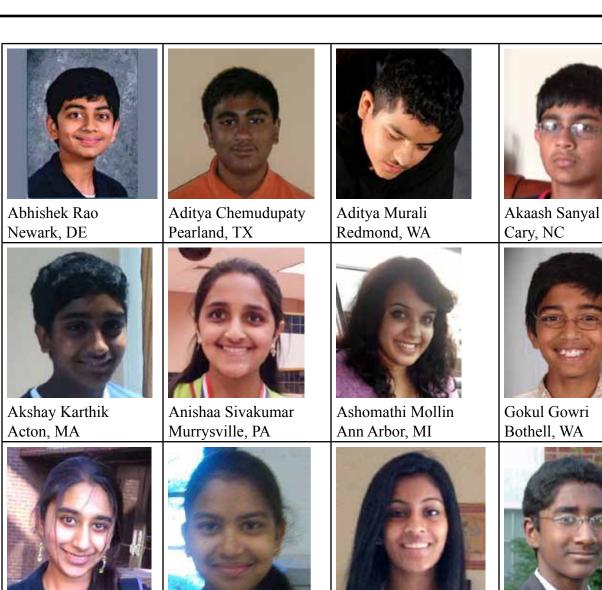
Varun Pitta Belle Mead, NJ

SENIOR PUBLIC SPEAKING FINALISTS UNAVAILABLE PICTURES

Ananya Hans, Upper Arlington, OH Apurva Shrivastava, Novi, MI Arunsrinivasan Ponshunmugam, Jacksonville, FL Sanjana Salwi, Morganville, NJ Arvind Venkataraman, Blackwood, NJ Ashwin Johri, Novi, MI Jayant Wunnava, Swedesboro, NJ

Karthik Munugala, Novi, MI Miloni Shah, Farmington Hills, MI Srisundesh Kodali, Upper Saddle River, NJ Vaishnavi Rao, San Diego, CA

BRAIN BEE FINALISTS





Harshitha Ballim Farmington, MI



Kaamya Varagur Edison, NJ



Madan Subheeswar Louisville, KY



Mahati Vavilala Novi, MI



Meghana Ganapathiraju Cary, NC



Narahari Bharadwaj Plano, TX



Nilai Sarda Marietta, GA

BRAIN BEE FINALISTS





Rohith Hegde Plainsboro, NJ



Pradyumna Rao Phillipsburg, NJ



Rina Samant Ponte Vedra Beach, FL



Rohan Srinivasan Omaha, NE



Roshini Asirvatham Rochester, MN



Sameer Kailasa Delray Beach, FL



Samir Durvasula Rockville, MD



Sanaya Irani Farmington Hills, MI



Sanjeev Janarthanan Bothell, WA



Sharanya Jayachandran Canton, MI



Sonia Samant Ponte Vedra Beach, FL



Sruti Ganesh Novi, MI



Sudharsan Srinivasan Farmington Hills, MI



Tara Ramanathan Hoffman Estates, IL



Tulasi Kadiyala Glastonbury, CT

BRAIN BEE FINALISTS



Vanisha Amin Farmington Hills, MI



Varsha Harish Acton, MA



Varun Jambunath Beachwood, OH



Vasu Malhotra Brooksville, FL



Vooha Putalapattu Centreville, VA

BRAIN BEE FINALISTS UNAVAILABLE PICTURES

Apurva Shrivastava, Novi, MI Arun Arjunakani, Schaumburg, IL Arunsrinivasan Ponshunmugam, Jacksonville, FL Ridhima Mishra, Eagan, MN Chanukya Malla, Northville, MI Divya Gumudavelly, Northville, MI Manu Sankar, Naperville, IL Monal Garg, East Brunswick, NJ

Pooja Ippalapelli, Northville, MI Ramya Erasala, Northville, MI Rupesh Jeyaram, Chelmsford, MA Shankar Pattabhiraman, New Albany, OH Snigdha Nandipati, San Diego, CA Srisundesh Kodali, Upper Saddle River, NJ

INSPIRATIONAL QUOTES

Intellectual growth should commence at birth and cease only at death.

~ Albert Einstein

There isn't a person anywhere who isn't capable of doing more than he thinks he can.

~Henry Ford

Tell me and I'll forget; show me and I may remember; involve me and I'll understand.

~ Unknown

I never teach my pupils; I only attempt to provide the conditions in which they can learn.

~ Albert Einstein

If you want something in your life you've never had, you'll have to do something you've never done.

~ Unknown

Spelling Bee Champions 2000 - 2011

2011 Junior

- 1 Roshni Kainthan, Morris Plains, NJ
- 2 Shourav Dasari, Pearland, TX
- 3 Raksheet Kota, Katy, TX

2010 Junior

- 1 Vanya Shivashankar, Olathe, KS
- 2 Aditi Jithendra, Johnston, IA
- 3 Nilesh Rao, Pittsford, NY

2009 Junior

- 1 Sriram Hathwar, Rochester, NY
- 2 Bhavana Muppavarappu, Barrington, IL
- 3 Prateeksunder Pinchi, Detroit, MI

2008 Junior

- 1 Surabhi Iyer, Worcester, MA
- 2 Sabrina Khuntia, Hinsdale, IL
- 3 Anup Hiremath, Edison, NJ

2007 Junior

- 1 Malavika Perinchery, Austin, TX
- 2 Varsha Ramakrishnan, Pleasanton, CA
- 3 Swetha Iasti, Olathe, KS

2006 Junior

- 1 Shivani Angappan, Beavorton, OR
- 2 Shravan Rama Dommaraju, St. Louis, MO
- 3 Apoorva Rangan, San Jose, CA

2005 Junior

- 1 Anjitha Radhakrishnan, Manchester, NH
- 2 Apoorva Rangan, San Ramon, CA
- 3 Akshay Aitha, San Ramon, CA

2004 Junior

- 1 Kavya Shivashankar, Olathe, KS
- 2 Kshithij Shrinath, Sunnyvale, CA
- 3 Akshay Aitha, San Ramon, CA

2003 Junior

- 1 Akshat Shekhar, Cambridge, MA
- 2 Debnil Sur, Palo Alto, CA
- 3 Neethi Bangalore, Santa Clara, CA

2011 Senior

- 1 Stuti Mishra, West Melbourne, FL
- 2 Narahari, Bharadwaj, Plano, TX
- 3 Syamantak Payra, Friendswood, TX

2010 Senior

- 1 Sukanya Roy, South Abington, PA
- 2 Sanjay Kottapalli, Clarendon Hills, IL
- 2 Sivateja Tangirala, Chandler, AZ

2009 Senior

- 1 Ramya Auroprem, Milpitas, CA
- 1 Anamika Veeramani, North Royalton, OH
- 3 Sidarth Jayadev, Milpitas, CA

2008 Senior

- 1 Avvinash Radakrishnan, Manchester, NH
- 2 Akshayraj Aitha, Palo Alto, CA
- 3 Aishwarya Pastapur, Springfield, IL

2007 Senior

- 1 Smitha Gundavajhala, Cupertino, CA
- 2 Priyanka Nadar, Mechanicsburg, PA
- 3 Anamika Veeramani, N.Royalton, OH

2006 Senior

- 1 Srikrishna Raghavan, Woodlands, TX
- 2 Pranav Mahadevan, Atlanta, GA
- 3 Krithika Varagur, Edison, NJ

2005 Senior

- 1 Nilesh Raval, Lansing, MI
- 2 Srikrishna Raghavan, Houston, TX
- 3 Nikhil Koganti, Dallas, TX

2004 Senior

- 1 Aamani Paturi, Palatine, IL
- 2 Rajiv Tarigopula, St. Louis, MO
- 3 Nandhini Sundaresan, Alpharetta, GA

2003 Senior

- 1 Amar Mehta, Rockville, MD
- 2 Rajiv Tarigopula, St. Louis, MO
- 3 Ramesh Govindan, Cambridge, MA

Spelling Bee Champions 2000 - 2011

2002 Junior

- 1 Aditya Nagaraja, Towaco, NJ
- 2 Snehashish Sridhar, Phoenix, AZ
- 3 Priya Krishnan, Potomac, MD

2001

- 1 Samir Patel, Colleyville, TX
- 2 Deepti Arora, Irvine, CA
- 3 Biplab Panda, Rosewell, GA

Best 6-7 year old Riya Madan, Rochester, MN

2002 Senior

- 1 Sai Gunturi, Plano, TX
- 2 Raghav Srinivasan, Cranbury, NJ
- 3 Krishna Chandra, Andover, MA

2000

- 1 Ashley Thakur, Mineola, NY
- 2 Aparna Ramakrishna, Naperville, IL
- 3 Niyatee Samudra, Plano, TX

Best 6-7 year old Rajiv Tarigopula, Chesterfield, MO

Vocabulary Bee Champions 2000 - 2011

2011 Junior

- 1 Rohan Roplekar, Peoria, IL
- 2 Mantra Dave, Normal, IL
- 3 Navya Gautam, Potomac, MD

2010 Junior

- 1 Shaan Bhandarkar, Potomac Falls, VA
- 2 Saaketh Narayan, Phoenix, AZ
- 3 Shiva Saravanan, College Station, TX

2009 Junior

- 1 Bhavana Muppavarappu, Barrington, IL
- 2 Shiva Saravanan, Houston, TX
- 3 Lokesh Nagineni, Dallas, TX

2008 Junior

- 1 Surabhi Iyer, Worcester, MA
- 2 Ashwin Veeramani, Cleveland, OH
- 3 Amit Chakrabarti, Indianapolis, IN

2008 Senior

- 1 Shweta Patro, Marlboro, NJ
- 2 Pooja Pendri, Hartford, CT
- 3 Sathvika Ramaji, Ft. Lauderdale, FL

2007 Intermediate

- 1 Aamani Paturi, Barrington, IL
- 2 Sakethnath Are, Herndon, VA
- 3 Anamika Veeramani, North Royalton, OH

2011 Intermediate

- 1 Mihir Nene, Fairfield, CT
- 2 Anjali Nambrath, Marlboro, NJ
- 3 Surabhi Iyer, Franklin, MA

2010 Intermediate

- 1 Sukanya Roy, South Abington, PA
- 2 Sreya Atluri, Centerville, VA
- 3 Sooraj Achar, Leesburg, VA

2009 Intermediate

- 1 Sameer Kailasa, Ft. Lauderdale, FL
- 2 Smitha Gundavajhala, Milpitas, CA
- 3 Archis Bhandarkar, Fairfax, VA

2008 Intermediate

- 1 Anamika Veeramani, North Royalton, OH
- 2 Shilpa Saravanan, Houston, TX
- 3 Anirudh Dasarathy, Detroit, MI

2007 Junior

- 1 Vamsi Varanasi, Dayton, OH
- 2 Malavika Perinchery, Austin, TX
- 3 Achuth Nair, Solon, OH

2007 Senior

- 1 Sivakumar Sundaram, Rockford, IL
- 2 Kritaarth Mahankali, Sugarland, TX
- 3 Sathvika Ramaji, Miramar, FL

Vocabulary Bee Champions 2000 - 2011

2006 Junior

- 1 Tejas Rao, Maynard, MA
- 2 Nikhil Srinivasan, Chelmsford, MA
- 3 Shivani Angappan, Beaverton, OR

2006 Senior

- 1 Ankita Khandai, Aurora, IL
- 2 Swapanthi Nagulpally, Raleigh, NC
- 3 Pranay Udutha, Acworth, GA

2005 Junior

- 1 Krithika Varagur, Edison, NJ
- 2 Anirudh Dasarathy, Cleveland, OH
- 3 Sathvika Ramaji, Miramar, FL

2004 Junior

- 1 Anand Oza, Silverspring, MD
- 2 Krithika Varagur, Edison, NJ
- 3 Nandhini Sundaresan, Alpharetta, GA

2003 Junior

- 1 Rajiv Tarigopula, St. Louis, MO
- 2 Ashley Thakur, Long Island, NY
- 3 Sujaan Joshi, Edison, NJ

2002

- 1 Anand Oza, Fremont, CA
- 2 Ramya Verma, Holmdel, NJ
- 3 Mangala Iyengar, Irvine, CA

Best 13-year-old Niyatee Samudra, Plano, TX

2000

- 1 Adnan Zubair, Lawndale, CA
- 2 Anu Gollapudi, Walnut Creek, CA
- 3 Chandan Khandai, Aurora, IL

Best 12-year-old Raj G. Ranade, East Lyme, CT

2006 Intermediate

- 1 Aakash Patel, Barrington, IL
- 2 Aamani Paturi, Barrington, IL
- 3 Anirudh Dasarathy, Broadview Heights, OH

2005 Senior

- 1 Anand Oza, Silverspring, MD
- 2 Shaswat Samudra, Dallas, TX
- 3 Soham Chakraborty, Cleveland, OH

2004 Senior

- 1 Keshav Pillai, Cleveland, OH
- 2 Ami Parekh, Rockville, MD
- 3 Megha Raghavan, Cupertino, CA

2003 Senior

- 1 Niyatee Samudra, Dallas, TX
- 2 Mangala Iyengar, Raleigh, NC
- 3 Saila Balasubramanian, Atlanta, GA

2001

- 1 Anu Gollapudi, Walnut Creek, CA
- 2 Chandan Khandai, Aurora, IL
- 3 Amita Arora, Irvine, CA

Math Bee Champions 2004 - 2011

2011 MB1

- 1 Soham Konar, Westerville, OH
- 2 Roshni Kainthan, Morris Plains, NJ
- 3 Neel Basu, San Diego, CA

2011 MB2

- 1 Akshaj Kadaveru, Fairfax, VA
- 2 Stuti Garg, Portland, OR
- 3 Sanjana Ramrajvel, Naperville, IL

Math Bee Champions 2004 - 2011

2011 MB3

- 1 Shohini Stout, Lexington, MA
- 2 Saranesh Prembabu, San Ramon, CA
- 3 Abhinand Sivaprasad, Bellevue, WA

2010 MB2

- 1 Nisha Devasia, Nashua, NH
- 2 Ishaan Gupta, Edison, NJ
- 3 Bhagirath Mehta, Des Plaines, IL

2009 MB1

- 1 Mythili Korimilli, Milpitas, CA
- 2 Sruthi Parthasarathi, Cincinnati, OH
- 3 Rinni Bhansali, Long Island, NY

2009 MB3

- 1 Hirsh Jain, Detroit, MI
- 2 Akhil Nistala, Detroit, MI
- 3 Sohil Shah, Madison, WI

2008 MB2

- 1 Ankan Bhattacharya, Detroit, MI
- 2 Vivek Miglani, Tampa, FL
- 3 Meghana Vagwala, Worcester, MA

2007 MB1

- 1 Nilai Sarda, Marietta, GA 1
- 2 Ankan Bhattacharya, Canton, MI
- 3 Nisha Devasia, Nashua, NH

2007 MB3

- 1 Anupa Murali, Concord, NH
- 2 Ramya Rangan, San Jose, CA
- 3 Kritaarth Mahankali, Sugarland, TX

2006 MB2

- 1 Chanukya Malla, Northville, MI
- 2 Tejas Sundaresan, Strongsville, OH
- 3 Keval Yerigeri, Copley, OH

2005 MB1

- 1 Shyam Narayanan, Kansas City, KS
- 2 Aakash Pattabi, Austin, TX
- 3 Niranjan Balachandar, Dallas, TX

2010 MB1

- 1 Sruthi Parthasarathi, Mason, OH
- 2 Anirban Sarkar, East Lansing, MI
- 3 Arpit Ranasaria, Redmon, WA

2010 MB3

- 1 Nihal Gowravaram, Acton, MA
- 2 Vivek Miglani, Coral Springs, FL
- 3 Anshul Ramachandran, Cupertino, CA

2009 MB2

- 1 Niket Gowravaram, Cambridge, MA
- 2 Rohit Rajiv, Worcester, MA
- 3 Amith Bhat, Minneapolis, MN

2008 MB1

- 1 Bhagirath Mehta, Hinsdale, IL
- 2 Shaantam Chawla, Princeton, NJ
- 3 Akshaj Kadaveru, Fairfax, VA

2008 MB3

- 1 Anirudh Sailesh, Hinsdale, IL
- 2 Chanukya Malla, Detroit, MI
- 3 Ajit Unnam, Marlboro, NJ

2007 MB2

- 1 Nihal Gowravaram, Acton, MA
- 2 Keval Yerigeri, Copley, OH
- 3 Apurva Shrivastava, Novi, MI

2006 MB1

- 1 Suruchi Ramanujan, Overland Park, KS
- 2 Abhinand Sivaprasad, Redmond, WA
- 3 Ravi Betzig, Okemos, MI

2006 MB3

- 1 Arjun Puranik, Palatine, IL
- 2 Ramya Rangan, San Jose, CA
- 3 Anupa Murali, Concord, NH

2005 MB2

- 1 Nihal Satyadev, Irvine, CA
- 2 Jay Shah, San Ramon, CA
- 3 Chanukya Malla, Detroit, MI

Math Bee Champions 2004 - 2011

2005 MB3

- 1 Mathew Vengalil, Detroit, MI
- 2 Arjun Puranik, Barrington, IL
- 3 Anand Oza, Rockville, MD

2004 MB1

- 1 Divya Siddarth, Los Angeles, CA
- 2 Aditya Kotecha, Newark, CA
- 3 Neel Mehta, Audubon, PA

2004 MB3

- 1 Aditya Rajagopalan, Glastonbury, CT
- 2 Mahadev (Dev) Nair, Kansas City, KS
- 3 Arka Mallela, Atlanta, GA

2005 MB4

- 1 Keshav Puranmalka, Hinsdale, IL
- 2 Bharat Kusuma, Forest Park, IL
- 3 Yasaswi Raparla, Reston, VA

2004 MB2

- 1 Ganesh Ajjanagadde, Ardenwood, CA
- 2 Krishna V. Hegde, Munster, IN
- 3 Virup Gubba, Cupertino, CA

2004 MB4

- 1 Kiran Pendri, S. Glastonbury, CT
- 2 Yasaswi Raparla, Rockville, MD
- 3 Aman Nelavadu, Philadelphia, PA

Science Bee Champions 2000 - 2011

2011 Junior

- 1 Vaibhav Sharma, Oak Hill, VA
- 2 Varun Chheda, Indianapolis, IN
- 3 Pratham Soni, Troy, MI

2011 Senior

- 1 Saranesh Prembabu, San Ramon, CA
- 2 Abhijit Mudigonda, Portland, OR
- 3 Dheeresh Maddu, Richardson, TX

2011 Intermediate

- 1 Anna Nixon, Portland, OR
- 2 Achyut Reddy, Lansdale, PA
- 3 Krithik Vallem Northville, MI

Geography Bee Champions 2006 - 2011

2011 Junior

- 1 Arjun Nathan, Fremont, CA
- 2 Rohith Paranji, Clarkston, MI
- 3 Abhinav Karthikeyan, Clarksburg, MD

2010 Junior

- 1 Mantra Dave, Normal, IL
- 2 Karan Menon, South Plainfield, NJ

2009 Junior

- 1 Neha Middela, Detroit, MI
- 2 Asha Jain, Madison, WI
- 3 Mantra Dave, Peoria, IL

2011 Senior

- 1 Karthik Karnik, Plainville, MA
- 2 Asha Jain, Minocqua, WI
- 3 Varun Mahadevan, Hayward, CA

2010 Senior

- 1 Anirudh Kumar, Fremont, CA
- 2 Omkar Shende, Troy, MI

2009 Senior

- 1 Vansh Jain, Madison, WI
- 2 Smitha Gundavajhala, Milpitas, CA
- 3 Omkar Shende, Detroit, MI

Geography Bee Champions 2006 - 2011

2008 Junior

- 1 Anup Hiremath, Princeton, NJ
- 2 Neha Middela, Detroit, MI
- 3 Debolina Ghosh, Cleveland, OH

2007 Junior

- 1 Raghav Ranga, Wethersfield, CT
- 2 Manasa Muppirala, Irving, TX
- 3 Nilai Sarda, Marietta, GA

2006 Senior

- 1 Suneil Iyer, Olathe, KS
- 2 Shyam Vasudevan, Nashua, NH
- 3 Rahul Eanuga, Budd Lake, NJ

2008 Senior

- 1 Arjun Kandaswamy, Portland, OR
- 2 Nitin Krishna, Atlanta, GA
- 3 Abhinav Kurada, Worcester, MA

2007 Senior

- 1 Vivek Hansalia, Smyrna, GA
- 2 Nitin Krishna, Corbin, KY
- 3 Zaroug Jaleel, Lexington, MA

Senior Essay Writing Bee Champions 2005 - 2011

201

- 1 Smitha Gundavajhala, Cupertino, CA
- 2 Venkat Rd Munukutla, Saratoga, CA
- 3 Ramya Auroprem, San Jose, CA

2009

- 1 Aditya Kalluri, Cleveland, OH
- 2 Akash Ganapathi, Raleigh, NC
- 3 Shrinidhi Dawande, Hinsdale, IL

2007

- 1 Sarvesh Rajasekharan, Ballwin, M I
- 2 Sivakumar Sundaram, Rockford, IL
- 3 Aditya Rajagopalan, Glastonbury, CT

2005

- 1 Shazeen Harunani, Rockford, IL
- 2 Aarti Iyer, Woodlands, TX
- 3 Mangala Iyengar, Chapel Hill, NC

2010

- 1 Priyanka Menon, Ann Arbor, MI
- 2 Vybhavi Bhardwaj, Plano, TX
- 3 Anurag Gudeti, Bloomfield Hills, MI

2008

- 1 Ishita Kala, Hartford, CT
- 2 Aditya Kalluri, Cleveland, OH
- 3 Nithya Vijayakumar, Detroit, MI

2006

- 1 Trisha Jain, Bloomfield, MI
- 2 Aditya Rajagopalan, Glastonbury, CT
- 3 Keshav Pillai, Hendron, VA

Senior Public Speaking Bee Champions 2006 - 2011

2011

- 1 Venkat Rd Munukutla, Saratoga, CA
- 2 Arunsrinivasan Ponshunmugam, Jacksonville, FL
- 3 Priyanka Menon, Ann Arbor, MI

2010

- 1 Aditya Rengaswamy, Troy, MI
- 2 Shashwat Chugh, Edison, NJ
- 3 Priyanka Menon, Ann Arbor, MI

Senior Public Speaking Bee Champions 2006 - 2011

2009

- 1 Trisha Jain, Detroit, MI
- 2 Aditya Kalluri, Cleveland, OH
- 3 Malavica Sridhar, Milwaukee, WI

2007 Senior Public Speaking

- 1 Samita Mohansundaram, Nashua, NH
- 2 Aditya Rajagopalan, Glastonbury, CT
- 3 Harika Rayala, Columbus, OH

- 2008 Senior Public Speaking
- 1 Shubhro Saha, Hartford, CT
- 2 Ishita Kala, Hartford, CT
- 3 Rishika Chugh, Marlboro, NJ

2006 Senior Public Speaking

- 1 Aparna Ramakrishnan, Naperville, IL
- 2 Stuti Pandey, Cupertino, CA
- 3 Chaitra Betageri, Chinohills, CA

Brain Bee Champions 2000 - 2011

2011

- 1 Ankita Nallani, Troy, MI
- 2 Sanjana Salwi, Morganville, NJ
- 3 Abhijit Mudigonda, Portland, OR

2009

- 1 Pranav Mahadevan, Atlanta, GA
- 2 Swetha Rao, Fairfax, VA
- 3 Sanjana Salwi, Marlboro, NJ

2007

- 1 Rajiv Tarigopula, St. Louis, MO
- 2 Aditya Kalluri, N. Olmsted, OH
- 3 Ashwin Bharadwaj, Ann Arbor, MI

2005

- 1 Mangala Iyengar, Chapel Hill, NC
- 2 Arka Mallela, Moorestown, NJ
- 3 Pranay Udutha, Acworth, GA

2003

- 1 Bhakti Nagalla, Unionville, CT
- 2 Vikas Mouli, Owings Mills, MD
- 3 Niyatee Samudra, Plano, TX

2001

- 1 Vikas (Vik) Paruchuri, Potomac, MD
- 1 Shakti Nayar, Bethesda, MD

2010

- 1 Vaishnavi Kosuri, Herndon, VA
- 2 Sritarini Relangi, Huntersville, NC
- 3 Smitha Milli, St Charles, MO

2008

- 1 Nithya Vijayakumar, Detroit, MI
- 2 Aditya Kalluri, N. Olmsted, OH
- 3 Shweta Patro, Marlboro, NJ

2006

- 1 Sanat Sethi, Roseland, NJ
- 2 Rajiv Tarigopula, Chesterfield, MO
- 3 Apeksha Dave, Clive, IA
- 3 Vikas Mouli, Owings Mills, MD

2004

- 1 Ashley Thakur, Searingtown, NY
- 2 Liny John, Baltimore, MD
- 3 Apeksha Dave, Overland Park, KS

2002

- 1 Tabby Khan, Atlanta, GA
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- 3 Niyatee Samudra, Plano, TX

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Milwaukee, WI	Venkatasai Vengala	saivenkvang@gmail.com	

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3rd Place			3rd Place	\$250	North South Foundation		
3rd Place	\$250	TANA Foundation	3rd Place	\$250	North South Foundation		
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2nd Place	\$500	North South Foundation	2nd Place	\$500	North South Foundation		
3rd Place	\$250	North South Foundation	3rd Place	\$250	North South Foundation		
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Junior Geography Bee		1st Place	\$1,000	North South Foundation			
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2nd Place	\$500	North South Foundation	2nd Place	\$500	North South Foundation		
3rd Place	\$250	North South Foundation	3rd Place	\$250	North South Foundation		
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			3rd Place	\$250	North South Foundation		
3rd Place	\$250	North South Foundation	31d 1 lace	Ψ250	Troi di ooddi i odiidadoii		
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1st Place	\$1,000	North South Foundation	1st Place	\$1,000	North South Foundation		
2nd Place	\$500	North South Foundation	2nd Place	\$500	North South Foundation		
3rd Place	\$250	North South Foundation	3rd Place	\$250	North South Foundation		
Senior Essay Writing Bee		Senior Public Speaking					
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2nd Place	\$1,000 \$500	North South Foundation North South Foundation	2nd Place	\$500	North South Foundation		
			3rd Place	\$250	North South Foundation		
3rd Place	\$250	North South Foundation					
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North South Foundation

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- 2. In memory of her late father, Sri Narasimha Reddy Alla
- 3. Dr. Shyamala Revuluri Memorial Scholarship, sponsored by Dr. Ratnam Chitturi
- 4. By Dr. Sanjiv Modi

2012 National Core Team

NATIONAL TEAM

Surendra Dara Venkat Gade Srinivas Gudeti Jagadeesh Gullapalli Jyotsna Gunturu G. Krishna Rao Kodali

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Savitha Rajiv Janevi Ramaji M S Rao Neelkant Shukla Sumana Sur Ratnam Chitturi

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SCIENCE

Lakshmanan Iver Chandra Mohan Prashant Mehta Shashank Partha Ganesh Radhakrishnan Velu Subramani Chenchal Subraveti

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Vasavasri Levendel

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Venkat Venkataraman

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Rao Chalasani Srirekha Cherukuri S C Choudhury Madavi Nathan Oliver

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2012