North South Foundation
www.northsouth.org

IDCA 14th International Conference

October 15, 2016

By Ratnam Chitturi, Ph.D.

Began the 27-Year Journey
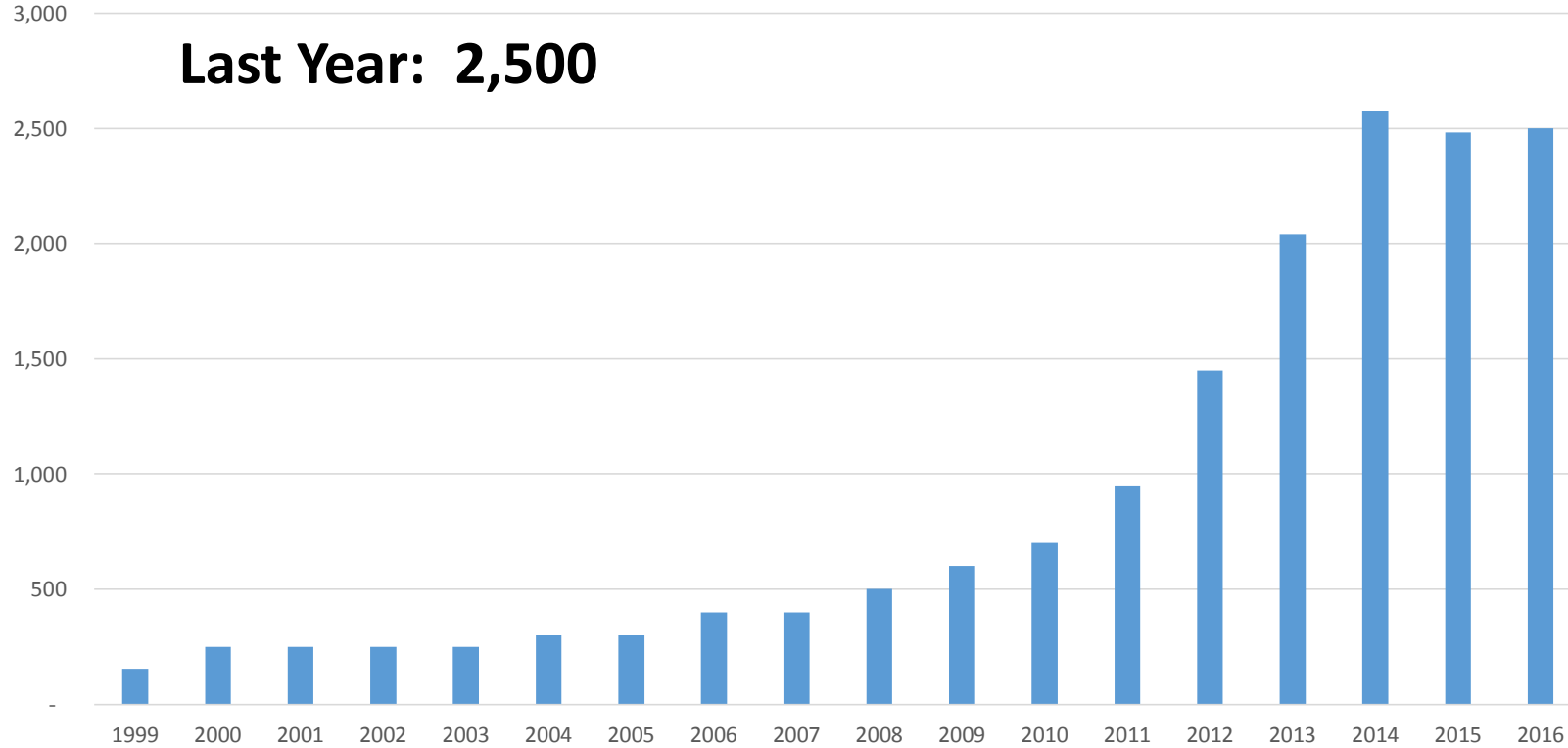with
Giving College Scholarships
in 1989

Why Give ?

"The best and the brightest students shouldn't be denied access to higher education, simply because they can't afford it." Bill Gates

Chapters in India

Next Phase
Contests in USA
1993

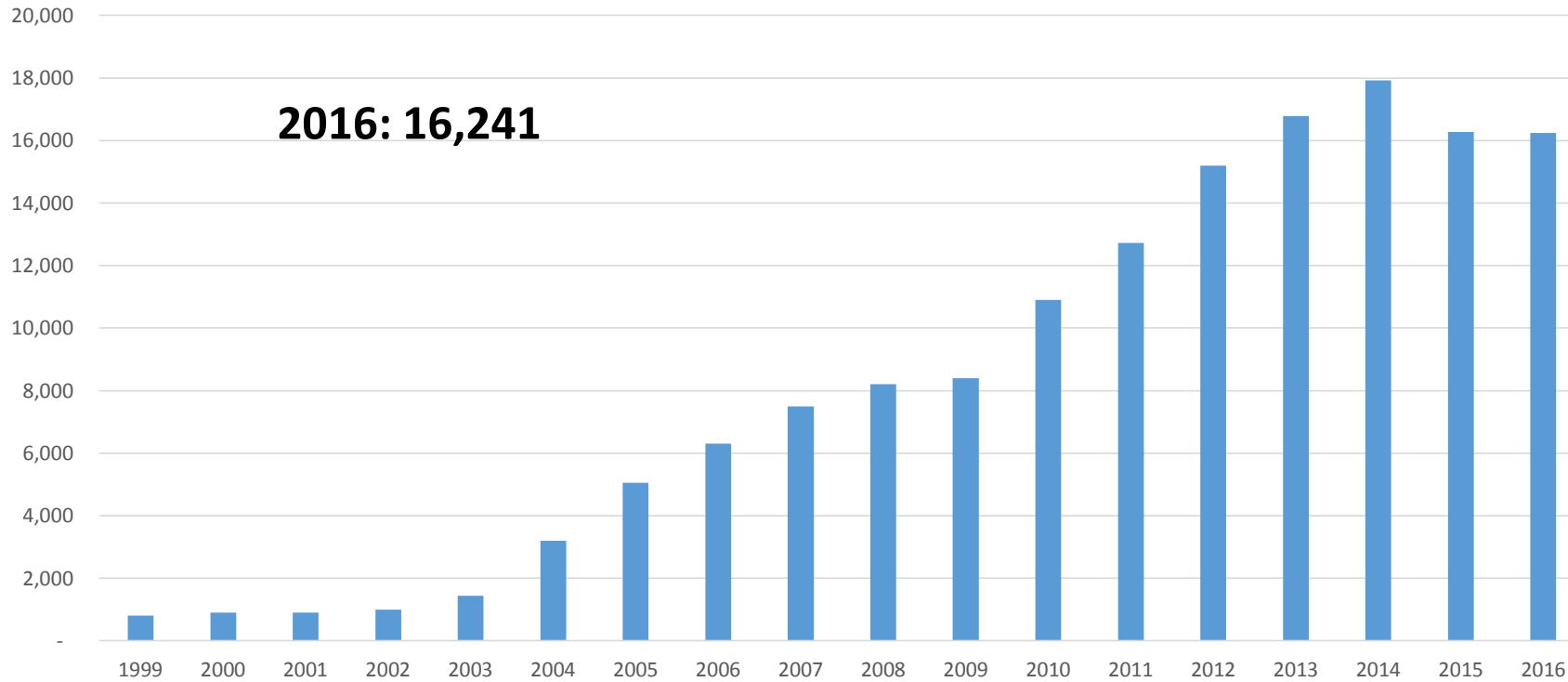**This was a turning point, in hindsight!**

US Contests

NSF believes...

- **Every Child is a Winner**

- **There is nothing a Child cannot do**

- **Ordinary Child can do Extraordinary Things**

- **It is never too young or too old to learn**

Encouraging academic excellence

US Contestants: Children K-12

2016: 16,241

Cumulative contestants who got benefited:

155,000

At the same time, contests generate revenues to fund India Scholarships

Chapters in the USA

85 Chapters

Engaging Parents and Children

- **Orientation about the bees – Webinar**

- **Info Sessions by Subject - Webinar**

- **Study Guidance – How to make your child a Winner**

- **Structured Learning – Week by Week Study Guide (Coming Soon)**

Online Workshops About the Bees

Contest	2014	2015	2016	Total
Spelling	600	680	738	1,418
Math Bee			542	542
Geography		285	536	821
Public Speaking		25		25
College Adm Planning			1,308	1,308	← **New**
Total	600	990	3,124	4,114

At the same time, workshops generate revenues to fund India Scholarships

Online Coaching

Contest	2010	2011	2012	2013	2014	2015	2016	Total
Math	621	1,169	1,356	1,368	1,210	1,075	1,358	8,157
Science						793	864	1,657
Geography					488	402	340	1,230
SAT/ACT			765	772	640	556	624	3,357
Universal Values				361	459	101	112	1,033
Life Skills Program							40	40
Total	621	1,169	2,121	2,501	2,797	2,927	3,338	15,474

New

At the same time, coaching generates revenues to fund India Scholarships

Outcomes: How do you measure?
External Measures are Better

US Population: 320 million (32 crores)

Indian-Americans in the USA: 3.2 million (32 lakhs) - 1%

NSF Children among Indian-American Children – 1%

NSF Children among US Children - .01% (tiny spec)

Example:

11 million Children appear in Spelling Bee in the USA

NSF Children in the Spelling Bee – 1,000 (about .01%)

The odds of winning is less than 1 in 10,000 (like lottery!)

When did India win World Cup?

- **Cricket: 2011, 1983**
- **Hockey: 1975**
- **Badminton: 1981**
- **Tennis: ??**
- **Soccer: ??**

The odds are very low to win on the World stage

Winning Streaks – Spelling Bee
Championship – 9 years in a row

Best Kept Secret

Winning Streak – Spelling Bee
NSF CHILDREN SHINING AT THE MAJOR LEAGUES

Scripps National Spelling Bee Champions

Nihar Janga 2016

Jairam Hathwar 2016

Vanya Shivashankar 2015

Gokul Venkatachalam 2015

Sriram Hathwar 2014

Arvind Mahankali 2013

Snigdha Nandipati 2012

Sukanya Roy 2011

Ananmika Veeramani 2010

Kavya Shivashankar 2009

Sameer Mishra 2008

Sai Gunturi 2003

$[1/10^4]^9 = 1/10^{36}$

36 Zeroes

The odds of winning is 1 in Undecillion.
1 in 1,000,000,000,000,000,000,000,000,000,000,000,000

Winning Streaks - Geography
Championship – 5 years in a row

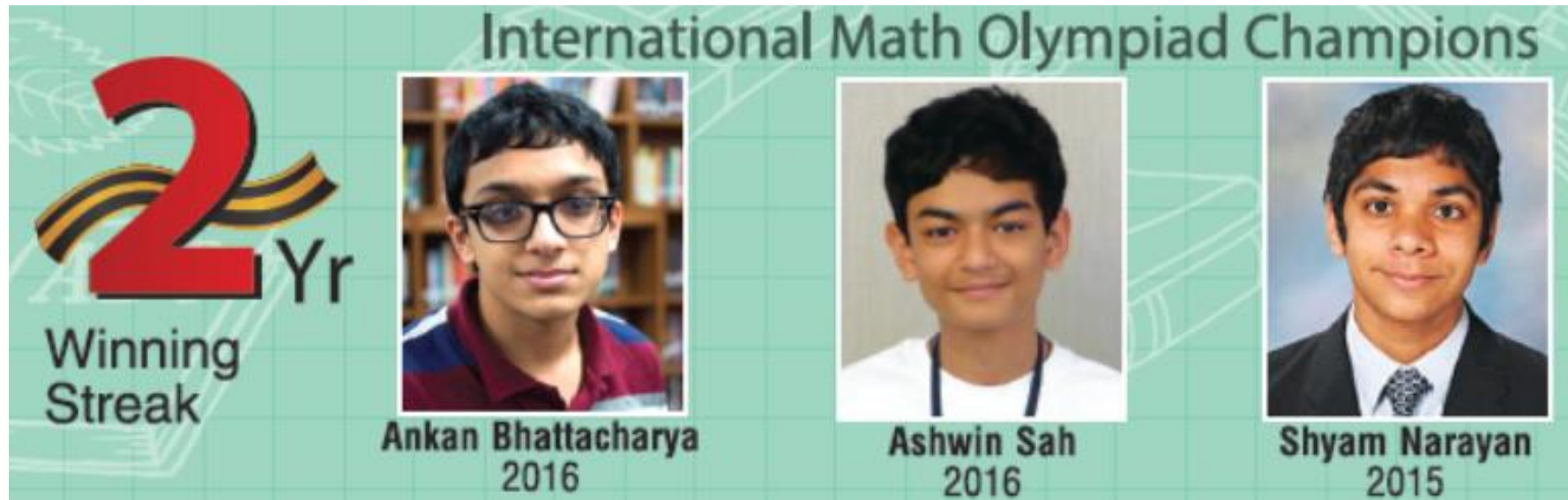National Geographic Bee Champions

5 Yr Winning Streak Geography

Rishi Nair 2016

Karan Menon 2015

Akhil Rekulapelli 2014

Satwik Karnik 2013

Rahul Nagvekar 2012

The odds of winning is 1 in 100 Quintillion
1 in 1,00,000,000,000,000,000,000

$$[1/10^4]^5 = 1/10^{20}$$

20 Zeroes

Winning Streaks – Math

Championship – 2 years in a row

Other Championships

Science Bowl Champions

Abhijeet Sambangi and Snigdha Allaparthi (2014)

National History Bee Champion

Siddarth Kanannanvar 2014

You Be The Chemist Challenge Champion

Bhagirath Mehta 2012

NSF CHILDREN WON FIVE ACADEMIC SUPERBOWLS IN 2016

SCRIPPS NATIONAL SPELLING BEE CHAMPIONS

NIHAR JANGA & JAIRAM HATHWAR

RISHI NAIR
NATIONAL GEOGRAPHIC BEE CHAMPION

INTERNATIONAL MATH OLYMPIAD CHAMPION

ASHWIN SAH

ANKAN BHATTACHARYA
INTERNATIONAL MATH OLYMPIAD CHAMPION
US MATH OLYMPIAD CHAMPION
WHO WANTS TO BE A MATHEMATICIAN CHAMPION

NSF Children became Scripps Spelling Bee Champions and met the Presidents at the White House

Sameer Mishra - 2008

Kavya Shivashankar - 2009

Anamika Veeramani - 2010

Sukanya Roy - 2011

Sriram Hathwar - 2014

For 2012, 2013 and 2015, photos with President Obama are not available. These champions were also NSF children.

No other community has ever been able to match such a phenomenal stream of extraordinary achievements in the USA or elsewhere.

Wile NSF children only represent a 0.01 percent of all US children or 1 in 10,000, their success is indeed immeasurable.

Persistence Pays – Spelling Bee

Learning Outcomes (SB)			
Years of Participation	Number of Children	#of Children in top 10 ranks	Percent
1	13,910	265	01.9%
2	4,269	185	04.3%
3	1,745	130	07.4%
4	771	124	16.1%
5	397	119	30.0%
6	200	73	36.5%
7	101	59	58.4%
8	49	44	89.8%
9	8	8	100.0%

Genius is one percent inspiration and ninety nine percent perspiration Edison

The longer a child participates in the NSF Spelling Bee, the higher the likelihood that the child will earn among the top ten ranks at the National Finals. For example, NSF data shows that if a child stays with NSF for 9 years, there is 100 percent chance that the child will achieve one of the top 10 ranks.

Persistence Pays - Math

Learning Outcomes (MB)			
Years of Participation	Number of Children	#of Children in top 10 ranks	Percent
1	15,116	139	00.9%
2	5,536	166	03.0%
3	2,742	188	06.9%
4	1,560	195	12.5%
5	869	165	19.0%
6	486	160	32.9%
7	257	100	38.9%
8	108	76	70.4%
9	18	27	150.0%

Genius is one percent inspiration and ninety nine percent perspiration Edison

The longer a child participates in the NSF Math Bee, the higher the likelihood that the child will earn among the top ten ranks at the National Finals. For example, NSF data shows that if a child stays with NSF for 9 years, there is 100 percent chance that the child will achieve one of the top 10 ranks.

Note: More than 100 percent indicates that the child got top ranks in more than one subject.

Universal Values: 2013-14

1. Listen Carefully with Full Attention
2. Explore Nature
3. Think Before you Say
4. Do Not Hurt Others
5. Perform Acts of Kindness

6. Use Only What You Need
7. Treat others as Equal to you
8. Respect (for) Others
9. Speak Truth (always)
10. Share work at Home

11. Respond After Thinking Thoughtfully
12. Make friends
13. Seek Feedback (input) from Others
14. Greet others
15. Cultivate Good Habits

Encouraging Excellence in the Practice of Values

NSF is a Unique Organization

- Run by volunteers without any compensation

- Act out their dreams (Children, Parents and Volunteers)

- Helping a child excel in the US helps a child in India (Win-Win situation)

- Promotes creative learning, instead of rote learning

- Challenges children to meet international standards ("Bee the Best they can bee")

- Coaching in the Practice of Universal Values

- Virtual Organization (Internet based) – No physical office

Over the years, NSF has had 20,000 volunteers across the country, contributing 200 man years of selfless labor of love worth $20 million.
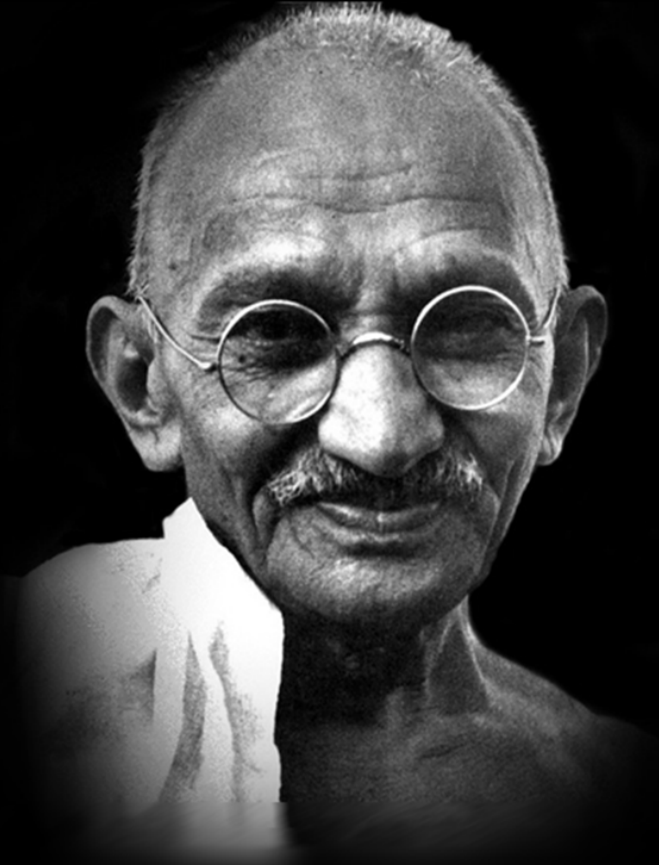
Our Core beliefs in Volunteering

- **There is goodness in every human being.**
- **The true test of goodness is doing good for others.**
- **Be the best you can be in doing good.**
- **Collective goodness can redress suffering in society.**
- **Volunteer-run organizations without payroll can sustain, grow, and be relevant.**

Pearls of Wisdom for Volunteers

- **Work for a cause, not for applause.**

- **Live life to express not to impress.**

- **Don't strive to make your presence noticed, just make your absence felt**
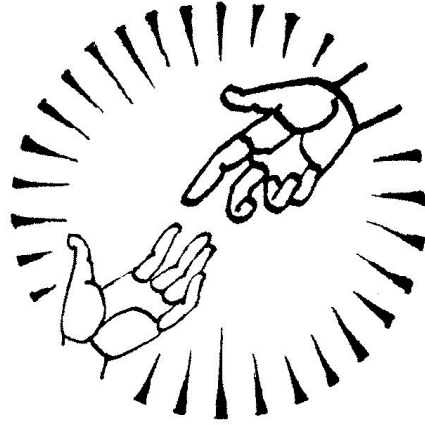
    We like to strive for the above

Keep your thoughts positive,
because your thoughts become your words.

Keep your words positive,
because your words become your behaviors.

Keep your behaviors positive,
because your behaviors become your habits.

Keep your habits positive,
because your habits become your values.

Keep your values positive,
because your values become your destiny.

—Mahatma Gandhi

Thoughts → Words → Behavior (actions) → Habits → Values → Destiny

Thank You

End

What we find

Once motivated and inspired,
sky is the limit for a child

Genius is one percent inspiration and ninety nine
percent perspiration   Edison

Persistence Pays – Science

Learning Outcomes (SC)			
Years of Participation	Number of Children	#of Children in top 10 ranks	Percent
1	5,737	163	02.8%
2	1,859	157	08.4%
3	904	146	16.2%
4	458	111	24.2%
5	224	94	42.0%
6	107	71	66.4%

Genius is one percent inspiration and ninety nine percent perspiration Edison

The longer a child participates in the NSF Science Bee, the higher the likelihood that the child will earn among the top ten ranks at the National Finals. For example, NSF data shows that if a child stays with NSF for 6 years, there is 66 percent chance that the child will achieve one of the top 10 ranks.

Persistence Pays – Geography

Learning Outcomes (GB)			
Years of Participation	Number of Children	#of Children in top 10 ranks	Percent
1	4,189	223	05.3%
2	1,029	122	11.9%
3	433	106	24.5%
4	191	69	36.1%
5	103	81	78.6%
6	54	47	87.0%
7	28	44	157.1%
8	13	18	138.5%

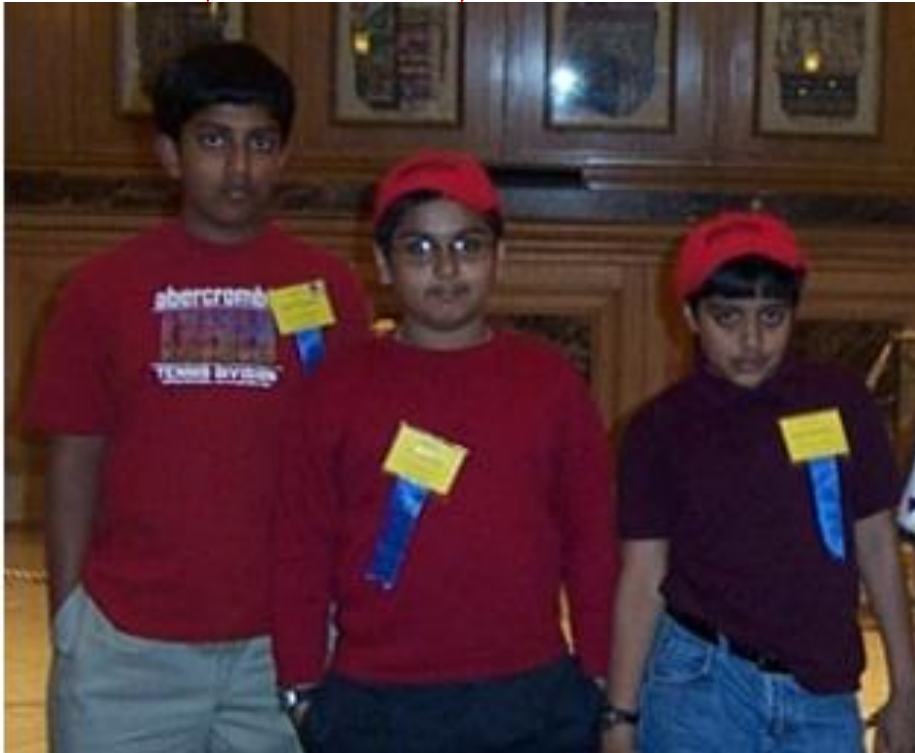Genius is one percent inspiration and ninety nine percent perspiration Edison

The longer a child participates in the NSF Geography Bee, the higher the likelihood that the child will earn among the top ten ranks at the National Finals. For example, NSF data shows that if a child stays with NSF for 8 years, there is 100 percent chance that the child will achieve one of the top 10 ranks.

Note: More than 100 percent indicates that the child got top ranks in more than one subject.

NSF Children who were top rankers at NSF Finals in 2001
They went onto become Scripps Champions/top ranks in later years.

Rajiv Tarigopula – 4th rank in Scripps 2005 & 2006 (4 years later)

Sameer Mishra – Scripps Champion in 2008 (7 years later)

Samir Patel – Runner-up in 2005 4 years later

How is this happening... 4 Pillars

Children

Parents

Volunteers (2,000)

Indian-American Community
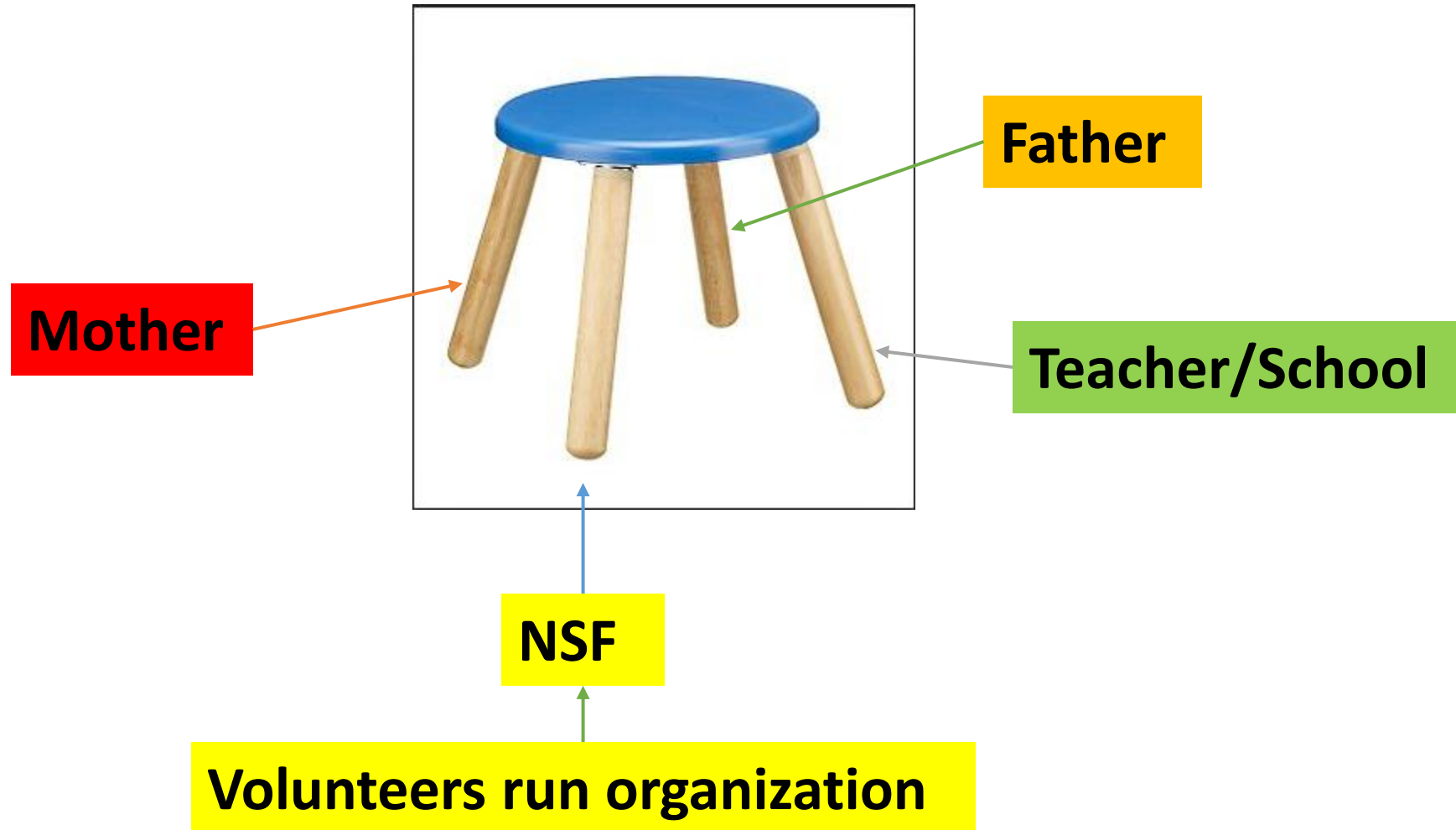
Major Accomplishments

- North South Foundation (NSF) is a 27-year old non-profit charity with 85 chapters in the U.S. and 25 chapters in India, all run by more than 3,000 volunteers.

- NSF is a virtual organization with no physical office outside of the Hyderabad central office which leases space. Volunteers provide their own space to run NSF activities at no cost.

- NSF provided more than 17,000 college scholarships to those who excel among the poor in India. One of the early beneficiaries has been running his own charity full time with no compensation. He dedicated his life to serve others.

- Over the years NSF has had 20,000 volunteers across the country, contributing 200 man years of selfless labor of love worth $20 million. As a result, more than 150,000 children in the U.S. benefited from participating in educational contests over the last 24 years. Volunteers come from parents of these children providing sustenance and growth to NSF. As adults, the potential aggregate dollar value that NSF children can generate each year is conservatively estimated to be in billions of dollars. With the Universal Values program, the value generated is priceless.

- Though NSF children represent a tiny .01 percent of all US children, they have dominated the Scripps National Spelling Bee by a 9-year winning streak of championships. This is like the same country winning world cups nine years in a row. Also NSF children have dominated the National Geographic Bee with a 5-year winning streak of championships. In 2014, NSF won 5 Championships in Spelling, Geography, MATHCOUNTS, Science and History. This is similar to winning five world cups in different sports in the same year. No other ethnic community has achieved such an extraordinary outcome.

Does he look like he needs help?

"It takes a Village to raise a Child"

Four Legged Stool

Hope is wishing something would happen.

Faith is believing something will happen.

Courage is making something happen.