



OHIO COUNCIL OF TEACHERS OF MATHEMATICS

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2005 STATE TOURNAMENT OF MATHEMATICS

THIS SCORE REPORT:

The 2005 State Tournament of Mathematics was conducted on February 26th at test centers throughout Ohio. There were 111 participating teams with 1707 individual registrants. Only results for the top schools, students, and award winners are published in this report.

NEXT YEAR'S CONTEST:

The 2006 State Tournament of Mathematics will be given at test centers on Saturday, February 25, 2006. Your school's Department of Mathematics will receive an invitation to participate in September.

2005 FIRST PLACE INDIVIDUAL:

Muzhou Wang, Lakota West High School
 First Place Cash Prize: \$200.00

2005 STATE CHAMPIONSHIP TEAM (regardless of size):

Lakota West High School

EACH OF THE ABOVE WILL ALSO RECEIVE AN AWARD PLAQUE

OHIO'S TOP SCHOOLS (regardless of size):

Rank	School	Score
1	Lakota West High School	143
2	Thomas Worthington High School	134
3	Sycamore High School	131
4	Dublin Scioto High School	120
5	Shaker Heights High School	118
6	St. Xavier High School	117
7	Dublin Coffman High School	116
8	Strongsville High School	115
9	Revere High School	109
10	Seven Hills Upper School	108
11	Beavercreek High School	106
	Hawken School	106
13	University School	107
14	Hathaway Brown High School	102
	Upper Arlington High School	102
16	Centennial High School	101
	Highland High School	101
	Walnut Hills High School	101
19	Western Reserve Academy	99
20	Copley-Fairlawn High School	96
	St. Ignatius High School	96
	St. Charles Preparatory	96

Contest Committee:

T. Michael Flick, Ph.D.
 Xavier University
 Charlene Kobida
 OCTM

Site Directors:

Daniel Otero, Ph.D.
 Xavier University
 Mary Rhein
 Lakota West HS
 Richard Morris
 Alliance HS
 Bruce Lenz
 Central Catholic HS
 Cathy Stoffer, Ph.D.
 Ashland University
 Anne Newcomb
 Celina Senior HS
 Daniel Shapiro, Ph.D.
 Ohio State University
 Michelle Reed, Ph.D.
 Wright State University
 Richard Glove
 Mayfield HS
 Carole Thomas
 Defiance College
 Brian McCombs
 Kent Roosevelt HS
 Tim Norflok, Ph.D.
 University of Akron
 Linda Wohlever
 Hathaway Brown HS
 Margaret Garner
 Zanesville HS
 Harvey Wolff, Ph.D.
 University of Toledo
 Janet Cummings
 Perkins HS
 Beth Osikiewicz, Ph.D.
 Kent State University
 Nathan Ritchey, Ph.D.
 Youngstown State University
 Richard Little, Ph.D.
 Baldwin Wallace College
 John Conklin
 Athens HS
 Rebecca Krakowski, Ph.D.
 University of Dayton
 Lanny Navarro
 Admiral King HS
 Barbara Moses
 Bowling Green State University
 Mary Ann Hovis
 Lima Technical College

2005 HONOR/MERIT ROLL: Cash prizes are indicated. HONOR ROLL pin recipients indicated by (*).
Participating Teams: 111 / Participating Students: 1707.

Rank	Student	Grade	Score	School	Rank	Student	Grade	Score	School
1	Muzhou Wang (\$200)	12	39*	Lakota West HS	26	Stephen D Watkins	10	30	Centennial HS
2	David Carper (\$87)	12	36*	Lakota West HS	36	David Barna	12	29	Revere HS
	Aaron Friedman (\$87)	12	36*	Sycamore HS		Sean R Carrick	12	29	United HS
4	Zach S Sjostrom (\$50)	11	35*	Thomas Worthington HS		Zach Goldman	12	29	Sycamore HS
5	Jeremy Aronow (\$30)	12	34*	St Xavier HS		Dustin Heestand	11	29	Lexington HS
	Sheng Fu (\$30)	11	34*	Lakota West HS		Stephen Kanzleamar	11	29	Lakota West HS
	Leah H Itagaki (\$30)	10	34*	Thomas Worthington HS		Laney Kuenzel	9	29	Hathaway Brown HS
	Jon Krause (\$30)	10	34*	Strongsville HS		Adam J Margolius	12	29	Shaker Heights HS
	Alan J Ruffini (\$30)	11	34*	Columbus Alternative HS		Sean Mittelman	12	29	Dublin Scioto HS
	A. Sivaganesan (\$30)	12	34*	Sycamore HS		Michael Modon	11	29	Revere HS
	Xiao Wang (\$30)	12	34*	Lakota West HS		Ravi Sarawgi	11	29	Lakota West HS
12	Mark A Caral	12	33*	Thomas Worthington HS		Arthur Wang	12	29	Sycamore HS
13	Neal Jean	11	32*	Beavercreek HS		Lizzy Wei	9	29	Sycamore HS
	Vinny P Kumar	12	32*	Thomas Worthington HS		Lily Yan	11	29	Seven Hills Upper School
	Eric Mecklenburg	12	32*	Hawken School HS	49	Nicolas F Bethoux	11	28	Shaker Heights HS
	Ben Stetler	10	32*	Dublin Scioto HS		Michael Chao	11	28	North Olmsted HS
	Arvind Suguness	12	32*	Dublin Scioto HS		Titus Chen	10	28	Dublin Coffman HS
18	Gregorg Ebersole	12	31*	Strongsville HS		Jack Enyeart	11	28	Upper Arlington HS
	Sarai J Itagaki	10	31*	Thomas Worthington HS		Kimberly F Jackson	11	28	Centennial HS
	Niranjan H Kumar	10	31*	Shaker Heights HS		Kira Kembre	12	28	Lakota West HS
	Joseph J Lee	11	31*	Hudson HS		Matt A Kruza	11	28	Highland HS
	Stephen Mayo	11	31*	Dublin Coffman HS		Kevin Lin	10	28	Sycamore HS
	Shriya Raghavan	12	31*	Sycamore HS		Hanlin Wan	10	28	Valley Forge HS
	Charlie Wang	12	31*	Lakota West HS		April Zhang	10	28	Sycamore HS
	Jean Wheasler	12	31*	Dublin Coffman HS	59	Andrew Gaines	12	27	Dublin Scioto HS
26	Jeffrey Andrews	12	30	Sycamore HS		Natalie Gruenke	11	27	Lakota West HS
	Amit Chandra	11	30	Sycamore HS		Ryan Hartlage	12	27	Lakota West HS
	Ryan M Gorman	12	30	St Xavier HS		Matthew Hester	12	27	St Charles Preparatory
	Courtenay Holscher	12	30	Lakota West HS		Kimberly Johnson	12	27	Sycamore HS
	Kevin Lin	12	30	University School		Jeehae Lee	11	27	Dublin Scioto HS
	Martin Malone	12	30	Walnut Hills HS		Tracy Meng	11	27	Copley-Fairlawn HS
	Matt Meyer	12	30	Lakota West HS		James Ostrowski	11	27	St Ignatius HS
	Gordy S Sjostrom	10	30	Thomas Worthington HS		Suneil Vallabh	12	27	Western Reserve Academy HS
	Jonathan H Strassfeld	12	30	Shaker Heights HS		Eric M Webb	12	27	St Xavier HS

Rank	Student	Grade	Score	School	Rank	Student	Grade	Score	School
59	Peter Wojda	11	27	Seven Hills Upper School	98	Marc Carnavale	11	25	Lakewood HS
	Ray Xi	9	27	Lakota West HS		Robert M Carson	9	25	Thomas Worthington HS
71	Steven Barbian	11	26	Sycamore HS		Stacy Cheng	11	25	Sycamore HS
	Debarshi Chaudhuri	11	26	Columbus Alternative HS		Alex Cooke	12	25	Hawken School HS
	Athena L Chen	12	26	Athens HS		Madeline Coquillette	11	25	Hathaway Brown HS
	Matthew Evans	12	26	Sycamore HS		Daniel M Garbinsky	11	25	Archbishop Hoban HS
	Henry Gan	12	26	Upper Arlington HS		Abhijeet Gummadavelli	11	25	Sycamore HS
	Dan Gilday	11	26	Lakota West HS		John Hanson	12	25	St Charles Preparatory
	Jonathan A Gluck	12	26	Thomas Worthington HS		Paul Hartzog	12	25	Shawnee HS
	Steven S Hong	11	26	Beavercreek HS		Andrew Hodun	9	25	St Xavier HS
	Rachel Hudson	11	26	Maumee Valley Country Day Sch		Jason Kao	9	25	Sycamore HS
	Anit K Jindal	12	26	Sylvania Northview HS		Stefan Kathman	12	25	Summit Country Day School
	Aditya Joshi	11	26	Princeton HS		John P Kleimeyer	12	25	St Xavier HS
	David P Kallile	10	26	Sylvania Northview HS		Andy Lehman	10	25	Notre Dame-Cathedral Latin
	Puneet Kollipara	11	26	Western Reserve Academy HS		Eli Lewis	12	25	Walnut Hills HS
	Phan Le	12	26	Harvest Preparatory School		Wei Li	12	25	Upper Arlington HS
	Jacob Lippert	11	26	Olmsted Falls HS		Martin Lin	11	25	Dublin Coffman HS
	Jonathan L Losh	10	26	Wadsworth HS		Patrick A MacKenzie	12	25	St Xavier HS
	Alex Mannion	10	26	Seven Hills Upper School		Leah N Makley	12	25	Troy HS
	Rohit Mital	11	26	North Olmsted HS		Ben Maurer	12	25	Hawken School HS
	Patrick Nestor	11	26	Strongsville HS		Andrew J Mock	11	25	St Xavier HS
	Sana Rehman	12	26	Revere HS		Kenji Okazaki	10	25	Dublin Coffman HS
	Drew Shick	12	26	St Xavier HS		Vijay Prakash	12	25	Dublin Scioto HS
	Kyle Skolfield	11	26	Seven Hills Upper School		Thomas Reid	12	25	Fitch HS
	Joseph Stempky	12	26	Lakota East HS		Brian Six	10	25	Revere HS
	Billy Tang	10	26	Sycamore HS		Ian Stringer	12	25	Revere HS
	Mike Towle	10	26	Dublin Coffman HS					
	David Wagner	12	26	Edison HS					
	Eddy W Zaia	9	26	University School					
98	Joshua H Adams	12	25	Highland HS					
	Alyssa Armstong	12	25	Lakota West HS					
	Stephanie Balint	12	25	Hathaway Brown HS					
	Jim Bramante	12	25	St Ignatius HS					
	Charles Caputo	12	25	Lincoln HS					



2005 OCTM CONTEST RESULTS

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
≤83 students per grade level	83<students per grade level ≤148	148<students per grade level ≤238	238<students per grade level ≤410	410<students per grade level
1. 108 Seven Hills -Cincy 2. 102 Hathaway Brown 3. 84 Ottoville HS 4. 77 Cincinnati Country Day 5. 75 Summit Country Day 6. 66 Fort Jennings HS 7. 64 New Bremen HS 64 Tiffin Calvert HS 9. 61 Buckeye Central HS 61 Maumee Valley CD 11. 56 Botkins Local School 12. 53 Ayersville HS 13. 50 Ayersville HS 50 Fort Loramie HS 15. 44 Holgate HS	1. 106 Hawken School 2. 104 University School 3. 99 Western Reserve 4. 82 United HS 5. 77 Edison Local 6. 76 Coldwater HS 7. 75 Liberty-Benton HS 8. 72 Oberlin HS 9. 70 Cardinal Mooney 10. 66 Bluffton HS 66 Lehman HS 12. 61 Jonathan Alder HS 61 Villa Angela-St. Jos. 14. 58 Cincinnati Hills CA 58 Worthington Christian	1. 101 Centennial HS 101 Highland HS 3. 96 St. Charles Prep. Sch 4. 92 Athens HS 92 Lexington HS 6. 89 Elida HS 89 Shawnee HS 8. 87 Notra Dame Cathedral 9. 86 Archbishop Hoban HS 10. 75 Central Catholic HS 75 Perkins HS 12. 71 Harvest Preparatory 13. 70 Columbus Alternative 14. 69 Mount Notre Dame-Cin	1. 117 St. Xavier HS 2. 109 Revere HS 3. 101 Walnut Hills HS 4. 96 Copley-Fairlawn HS 96 St. Ignatius HS 6. 94 North Olmsted HS 7. 91 Brecksville-Broadview 91 Sylvania Northview HS 9. 88 Ashland HS 10. 86 Olmsted Falls HS 11. 83 Carroll HS 83 Mayfield HS 13. 81 Troy HS 14. 80 Loveland HS 15. 78 Padua Franciscan	1. 143 Lakota West HS 2. 134 Thomas Worthington 3. 131 Sycamore HS 4. 120 Dublin Scioto HS 5. 118 Shaker Heights HS 6. 116 Dublin Coffman HS 7. 115 Strongsville HS 8. 106 Beavercreek HS 9. 102 Upper Arlington HS 10. 92 Lakota East HS 11. 89 Lincoln HS 12. 86 Princeton HS 13. 82 Elyria HS 14. 76 Kettering Fairmount 76 Lakewood HS
Other Scores: 41,41,33,32,30,29,6	Other Scores: 55,55,52,46,46,45,37	Other Scores: 66,66,66,66,64,61,57,55,38	Other Scores: 77,76,69,62,60,56,26	Other Scores: 74,69,68,59,54,52,15

Total: 22

Total: 22

Total: 23

Total: 22

Total: 22

Tally Summary:

	Score	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
# Students making each score		1	4	10	14	37	44	55	68	94	116	117	115	102	119	95	83	85	69	79	54	51

	Score	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
# Students making each score		52	32	46	34	32	27	12	10	13	10	8	5	1	7	1	2	0	0	1	0

Number of Students: 1705

Number of Schools: 111

Mean: 14.13

Median: 13

Mode: 13

2005 OHMIO (Ohio High School Mathematics Invitational Olympiad)

1 Muzhou Wang	12 Lakota West HS	9 Dave Carper	12 Lakota West HS
2 Eric Mecklenburg	12 Hawken School	10 Xiao Wang	12 Lakota West HS
3 Aaron Friedman	12 Sycamore HS	11 Stephen Watkins	10 Centennial HS
4 Charlie Wang	12 Lakota West HS	12 Jonathan Krause	10 Strongsville HS
5 Zach Sjostrom	11 Thomas Worthington HS	13 Jon Strassfeld	12 Shaker Heights HS
6 Neal Jean	11 Beavercreek HS	14 Stephen Mayo	11 Dublin Coffman HS
7 Arthur Wang	12 Sycamore HS	15 Jean Wheasler	12 Dublin Coffman HS
8 Sheng Fu	11 Lakota West HS	16 Andrew Gaines	12 Dublin Scioto HS