

NEWSLETTER

VOL. 39	NO. 6	MIDDLE / JR HIGH SCHOOL
Σ SIGMA		
2017– 2018	MATHEMATICS LEAGUE	

CUMULATIVE SCORES — CONTESTS 1-5

	<u>SCORES</u>											
	40	39	38	37	36	35	34	33	32	31	30	
Gr. 6	1	6	4	7	15	7	12	9	17	16	31	
Gr. 7	2	16	8	15	14	20	23	21	31	33	27	
Gr. 8	11	14	13	16	20	21	15	28	17	21	22	
Gr. 9	0	0	0	0	1	0	1	0	1	2	1	

<u>TOTAL PARTICIPANTS:</u>	30,696	8,805	Grade 6
<u>CONTESTS 1-5</u>		10,544	Grade 7
		10,480	Grade 8
		876	Grade 9

CONGRATULATIONS to all individual winners of GOLD, SILVER and BRONZE lapel pins and to the top schools in each division and grade.

INDIVIDUAL AWARDS: The individual awards were based on the results that you sent on the cumulative score sheet. If we did not receive any of the individual cumulative sheets, we assumed that you did not have any students above the cut-off values.

We will be sending three ribbons per grade for your top students.

<u>PARTICIPANTS CONTEST #5</u>	6,223	1,899	Grade 6
		2,155	Grade 7
		1,976	Grade 8
		193	Grade 9

PERFECT SCORES CONTEST #5

Grade 6 31 Grade 7 81 Grade 8 101 Grade 9 5

AWARD DISTRIBUTION:

The number of individual awards that we make is based on the number of schools that participate — the more schools participating means more pins awarded. And also the number per each grade level is based on the number of individuals (on the average) that participate on each contest. All students within the following score divisions will receive a pin.

Individual scores needed to receive an award are given below.

	Grade 6	Grade 7	Grade 8	Grade 9
Gold:	37-40	39-40	40	36-40
Silver:	36	37-38	38-39	33-35
Bronze:	34-35	36	37	30-32

NOTES:

THANK YOU

A great big thank you to those of you that wrote the names of the individual students very clearly for us to read — that is GREATLY appreciated. In case, we still typed them incorrectly — we do apologize. And for those names that we had a bit of trouble figuring out, please forgive us in case we “butchered” the name. We trust that you can still recognize the name.

CERTIFICATES

For those of you who have been with us in previous years, you will notice that we did not send any of the half-page individual certificates for you to fill out to award. We figured that you could print off as many individual certificates that you desire, that you could print them on whatever color you desire AND on whatever kind of paper/card stock that you desire.

In place of the individual certificates, we have sent you some SIGMA HONOR AWARD ribbons for you to award some of your students. You will determine the criteria for both the SCHOOL WINNER Award pin and the ribbons.

Printable awards are available on our website (sigmamathcontest.com), click on *Sample Problems* (a vertical menu will appear) and then click on PRINTABLE AWARD. Print as many as you would like.

CONTEST DATES FOR 2018 – 2019

- | | | | |
|------------|---------|-------------|---------|
| 1. October | 22 – 26 | 2. December | 3 – 7 |
| 3. January | 7 – 11 | 4. February | 11 – 15 |
| 5. March | 25 – 29 | | |

THANK YOU to each of you who has served as sponsors of SIGMA in your school. We know that it adds work to your already busy schedule but we also know that your students are benefitting from the additional problem solving that occurs with SIGMA. We appreciate your willingness to take on the additional responsibility.

We know that some of you did not submit scores after every contest during the year but we hope that you were able to make use of the contests in some way in your school. We also hope that your students acquired some mathematical problem-solving techniques or ideas from working the problems and from the discussion that followed after administering the test.

Many of you have experienced unusual weather situations during this year. Because of that, you have had to make some adjustments to “squeeze” in SIGMA along with the regular curriculum. On behalf of your students, we thank you for making everything “fit” into the days you are given.

We appreciated your participation in 2017-18 and we look forward to having you return for 2018-19. Please fill out the registration form, email it back to us, and then follow-up with the paperwork. You can down load the form from the website. Select *Registration* from the menu bar on the home screen.

~~~~~ **THANK YOU** ~~~~~

## SUMMARY OF RESULTS BY SCHOOL – CONTEST #5

In the following table, the column labeled GR represents the grades of participation by each school; the TTS column is the TEAM SCORE for contest #5, the 6TS, 7TS, 8TS, and 9TS columns represent the TEAM SCORE for each grade for Contest #5; the TCS column is the TEAM CUMULATIVE SCORE; the 6CS, 7CS, 8CS, and 9CS columns represent the CUMULATIVE SCORE through contest #5.

| GR   | ST | CITY             | SCHOOL                  | TTS | 6TS | 7TS | 8TS | 9TS | TCS | 6CS | 7CS | 8CS | 9CS |
|------|----|------------------|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 678  | AL | Huntsville       | Randolph School         |     |     |     |     |     | 81  | 48  | 3   | 31  | 0   |
| 789  | AL | Mountain Brook   | Mountain Brook JHS      |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |
| 78   | AZ | Chandler         | Willis JHS              | 84  |     | 73  | 76  |     | 369 | 0   | 316 | 341 | 0   |
| 78   | AZ | Queen Creek      | Sossaman MS             | 14  |     | 4   | 10  |     | 86  | 0   | 50  | 36  | 0   |
| 678  | CA | Hillsborough     | Crystal Springs Uplands |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |
| 678  | CA | La Jolla         | La Jolla Country Day    | 88  | 73  | 76  | 80  |     | 411 | 345 | 352 | 355 | 0   |
| 9    | CA | La Jolla         | La Jolla Country Day    |     |     |     |     | 77  | 0   | 0   | 0   | 0   | 324 |
| 789  | CA | Los Altos        | Egan JHS                |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |
| 789  | CA | Los Angeles      | Harvard-Westlae         |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |
| 78   | CA | Los Angeles      | Berkeley Hall           | 60  |     | 43  | 53  |     | 316 | 0   | 259 | 297 | 0   |
| 678  | CA | Oakland          | Head-Royce School       | 89  | 59  | 64  | 54  |     | 168 | 127 | 124 | 120 | 0   |
| 678  | CA | Palos Verdes Est | Intermediate            | 87  | 72  | 87  | 85  |     | 439 | 389 | 412 | 396 | 0   |
| 678  | CA | South Pasadena   | South Pasadena MS       | 93  | 82  | 92  | 92  |     | 463 | 405 | 443 | 435 | 0   |
| 678  | CA | Sacramento       | Brookfield              |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |
| 678  | CA | San Francisco    | Xian Yun Acad of Arts   | 21  | 1   | 8   | 12  |     | 99  | 9   | 52  | 54  | 0   |
| 678  | CT | Wolcott          | Tyrrell MS              | 70  | 43  | 60  | 60  |     | 351 | 209 | 324 | 279 | 0   |
| 89   | DE | Wilmington       | Tower Hill School       | 71  |     |     | 61  | 35  | 353 | 0   | 0   | 292 | 217 |
| 6789 | FL | Lithia           | Randall MS              | 40  | 0   | 14  | 33  | 0   | 188 | 4   | 88  | 132 | 16  |
| 678  | FL | Miami            | Palmer Trinity          |     |     |     |     |     | 74  | 37  | 25  | 39  | 0   |
| 678  | FL | Miami            | Holy Cross Lutheran     | 47  | 17  | 13  | 33  |     | 205 | 87  | 75  | 103 | 0   |
| 678  | FL | Pensacola        | Episcopal Day School    |     |     |     |     |     | 92  | 18  | 84  | 89  | 0   |
| 678  | FL | Tallahassee      | Community Christian     | 54  | 18  | 50  | 39  |     | 268 | 156 | 225 | 165 | 0   |
| 678  | FL | Tallahassee      | Fairview MS             | 88  | 65  | 81  | 87  |     | 446 | 341 | 413 | 378 | 0   |
| 678  | FL | Tallahassee      | Deerlake MS             | 93  | 74  | 82  | 88  |     | 459 | 364 | 372 | 427 | 0   |
| 78   | FL | Tallahassee      | Montford MS             | 77  |     | 60  | 66  |     | 355 | 0   | 293 | 307 | 0   |
| 678  | FL | Vero Beach       | St. Edward's            |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |
| 678  | FL | Winter Park      | Trinity Prep School     |     |     |     |     |     | 270 | 186 | 228 | 176 | 0   |
| 678  | GA | Marietta         | Dickerson MS            | 69  | 48  | 22  | 38  |     | 382 | 202 | 150 | 318 | 0   |
| 78   | IA | Coralville       | Northwest JHS           | 96  |     | 90  | 92  |     | 451 | 0   | 405 | 441 | 0   |
| 678  | IL | Aurora           | Still MS                | 41  | 33  | 14  | 10  |     | 308 | 201 | 117 | 120 | 0   |
| 678  | IL | Bolinsbrook      | Jane Addams MS          |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |
| 678  | IL | Edwardsville     | Lincoln MS              |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |
| 678  | IL | Edwardsville     | Liberty MS              |     |     |     |     |     | 83  | 25  | 46  | 35  | 0   |
| 78   | IL | Libertyville     | Highland MS             |     |     |     |     |     | 231 | 0   | 193 | 217 | 0   |
| 678  | IN | Indianapolis     | Sycamore School         | 94  | 82  | 56  | 58  |     | 454 | 397 | 233 | 255 | 0   |
| 678  | IN | Terre Haute      | Honey Creek MS          | 92  | 76  | 84  | 90  |     | 450 | 374 | 403 | 430 | 0   |
| 789  | IN | Wabash           | Northfield Jr/Sr        |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |
| 78   | KS | Lenexa           | Trailridge              | 71  |     | 64  | 48  |     | 332 | 0   | 314 | 262 | 0   |
| 78   | KS | Shawnee Mission  | Indian Woods MS         | 79  |     | 31  | 62  |     | 405 | 0   | 165 | 310 | 0   |
| 6    | KY | Edgewood         | St. Pius X              |     |     |     |     |     | 0   | 79  | 0   | 0   | 0   |
| 678  | MA | Andover          | Pike School             | 54  | 16  | 41  | 6   |     | 258 | 60  | 220 | 84  | 0   |
| 789  | MA | Needham          | St Sebastians           |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |
| 789  | MA | West Bridgewater | W. Bridgewater MS       |     |     |     |     |     | 0   | 0   | 0   | 0   | 0   |

|      |    |                  |                        |    |    |    |    |    |     |     |     |     |     |
|------|----|------------------|------------------------|----|----|----|----|----|-----|-----|-----|-----|-----|
| 678  | MD | Silver Spring    | Takoma Park MS         | 96 | 89 | 93 | 96 |    | 477 | 456 | 469 | 479 | 0   |
| 678  | MI | Bloomfield Hills | East Hills MS          | 63 | 48 | 47 | 55 |    | 337 | 263 | 263 | 273 | 0   |
| 789  | MI | Holland          | Black River            | 57 |    | 28 | 28 | 10 | 282 | 0   | 134 | 111 | 66  |
| 67   | MI | Novi             | Novi Meadows           | 85 | 74 | 89 |    |    | 427 | 377 | 429 | 0   | 0   |
| 678  | MI | Quincy           | Quincy MS              |    |    |    |    |    | 0   | 0   | 0   | 0   | 0   |
| 678  | MN | Willmar          | Willmar MS             | 75 | 38 | 64 | 80 |    | 337 | 241 | 296 | 335 | 0   |
| 678  | MO | Chesterfield     | Parkway Central        | 77 | 59 | 59 | 81 |    | 336 | 295 | 268 | 298 | 0   |
| 678  | MO | Independence     | Bingham MS             |    |    |    |    |    | 0   | 0   | 0   | 0   | 0   |
| 678  | MO | Kansas City      | The Barstow School     |    |    |    |    |    | 0   | 0   | 0   | 0   | 0   |
| 678  | MO | St. Louis        | Visitation Academy     | 33 | 0  | 22 | 13 |    | 145 | 0   | 107 | 49  | 0   |
| 6789 | NC | Winston Salem    | Summit School          | 71 | 37 | 41 | 71 | 54 | 342 | 241 | 274 | 308 | 242 |
| 78   | NE | Firth            | Norris MS              | 70 |    | 48 | 73 |    | 330 | 0   | 255 | 305 | 0   |
| 678  | NE | Lincoln          | Lux MS                 | 90 | 68 | 87 | 84 |    | 439 | 322 | 389 | 392 | 0   |
| 678  | NE | Lincoln          | Pound MS               |    |    |    |    |    | 84  | 8   | 11  | 171 | 0   |
| 9    | NE | Lincoln          | East HS                |    |    |    |    | 58 | 0   | 0   | 0   | 0   | 310 |
| 678  | NE | Lincoln          | Mickle MS              | 90 | 36 | 31 | 29 |    | 456 | 183 | 156 | 144 | 0   |
| 678  | NE | Omaha            | St Margaret Mary       | 57 | 15 | 21 | 21 |    | 315 | 177 | 207 | 215 | 0   |
| 678  | NE | Omaha            | Brownell Talbott       | 65 | 35 | 44 | 53 |    | 338 | 233 | 230 | 268 | 0   |
| 78   | NE | Papillion        | Liberty MS             | 64 |    | 71 | 24 |    | 305 | 0   | 270 | 255 | 0   |
| 78   | NE | Papillion        | Papillion MS           | 79 |    | 67 | 75 |    | 371 | 0   | 308 | 359 | 0   |
| 678  | NJ | Brick            | Lake Riviera MS        | 73 | 55 | 56 | 69 |    | 328 | 274 | 269 | 280 | 0   |
| 678  | NJ | Brick            | Veterans Memorial      |    |    |    |    |    | 78  | 5   | 32  | 90  | 0   |
| 6789 | NJ | Hamilton         | Crockett MS            | 73 | 58 | 55 | 67 | 63 | 366 | 250 | 305 | 304 | 299 |
| 678  | NJ | Hamilton Square  | St Gregory the Great   | 65 | 40 | 54 | 48 |    | 299 | 178 | 255 | 237 | 0   |
| 78   | NJ | Marlboro         | Marlboro MS            | 86 |    | 63 | 94 |    | 421 | 0   | 306 | 428 | 0   |
| 678  | NJ | Middletown       | Thompson MS            | 54 | 37 | 35 | 21 |    | 308 | 221 | 253 | 135 | 0   |
| 78   | NJ | Morganville      | Marlboro Memorial      | 85 |    | 77 | 79 |    | 425 | 0   | 379 | 383 | 0   |
| 678  | NJ | Skillman         | Montgomery Lower       | 95 | 83 | 78 | 86 |    | 470 | 401 | 407 | 436 | 0   |
| 678  | NJ | Tinton Falls     | Ranney School          | 39 | 0  | 26 | 25 |    | 247 | 42  | 151 | 212 | 0   |
| 6789 | NJ | Wycoff           | Bergen County Acad     |    |    |    |    |    | 0   | 0   | 0   | 0   | 0   |
| 6789 | NV | Henderson        | Coral Acad of Science  |    |    |    |    |    | 0   | 0   | 0   | 0   | 0   |
| 678  | NY | Flushing         | Rachel Carson IS 237   |    |    |    |    |    | 0   | 0   | 0   | 0   | 0   |
| 78   | NY | Garden City      | Garden City MS         |    |    |    |    |    | 113 | 0   | 70  | 76  | 0   |
| 67   | NY | Long Island      | The 30th Ave School    | 77 | 76 | 66 |    |    | 406 | 406 | 354 | 0   | 0   |
| 789  | NY | New Hartford     | Perry JHS              | 53 |    | 6  | 35 | 30 | 230 | 0   | 111 | 153 | 157 |
| 78   | NY | New York         | Anderson School        | 85 |    | 66 | 78 |    | 404 | 0   | 327 | 332 | 0   |
| 67   | NY | Roslyn Heights   | Willets Road School    | 54 | 35 | 51 |    |    | 286 | 201 | 273 | 0   | 0   |
| 678  | OH | Ashville         | Teays Valley East      | 50 | 45 | 53 | 17 |    | 301 | 254 | 260 | 222 | 0   |
| 678  | OH | Canal Winchester | Canal Winchester       | 63 | 57 | 46 | 59 |    | 274 | 261 | 219 | 230 | 0   |
| 678  | OH | Cincinnati       | Seven Hills MS         | 85 | 65 | 74 | 73 |    | 303 | 255 | 251 | 255 | 0   |
| 678  | OH | Commercial Pt    | Teays Valley West      | 61 | 37 | 53 | 55 |    | 310 | 233 | 250 | 288 | 0   |
| 78   | OH | Mason            | Mason MS               | 57 |    | 74 | 11 |    | 397 | 0   | 374 | 224 | 0   |
| 6789 | OH | Seville          | Cloverleaf Local       |    |    |    |    |    | 0   | 0   | 0   | 0   | 0   |
| 678  | OH | Williamsport     | Westfall MS            | 38 | 19 | 18 | 44 |    | 227 | 174 | 145 | 215 | 0   |
| 678  | OK | Tulsa            | University School      | 66 | 28 | 28 | 73 |    | 318 | 193 | 164 | 313 | 0   |
| 678  | OR | Portland         | Robert Gray MS         | 52 | 0  | 73 | 33 |    | 313 | 74  | 245 | 195 | 0   |
| 678  | SC | Columbia         | Dent MS                | 93 | 82 | 78 | 87 |    | 473 | 420 | 418 | 438 | 0   |
| 678  | TN | Nashville        | Holy Rosary Acad       | 63 | 41 | 58 | 39 |    | 300 | 222 | 273 | 189 | 0   |
| 678  | TX | Addison          | Greenhill School       |    |    |    |    |    | 0   | 0   | 0   | 0   | 0   |
| 678  | TX | Arlington        | Oakridge School        |    |    |    |    |    | 195 | 136 | 149 | 146 | 0   |
| 678  | TX | Houston          | Rogers School          | 75 | 68 | 58 | 20 |    | 356 | 343 | 263 | 118 | 0   |
| 678  | VA | Hampton          | Spratley Gifted Center |    |    |    |    |    | 0   | 0   | 0   | 0   | 0   |
| 678  | WI | New Berlin       | West MS                |    |    |    |    |    | 0   | 0   | 0   | 0   | 0   |

# FINAL RANKINGS

## GRADE 6 (CUMULATIVE)

|    |                  |                      |     |
|----|------------------|----------------------|-----|
| MD | Silver Spring    | Takoma Park MS       | 456 |
| SC | Columbia         | Dent MS              | 420 |
| NY | Long Island      | The 30th Ave School  | 406 |
| CA | South Pasadena   | South Pasadena MS    | 405 |
| NJ | Skillman         | Montgomery Lower     | 401 |
| IN | Indianapolis     | Sycamore School      | 397 |
| CA | Palos Verdes Est | Intermediate         | 389 |
| MI | Novi             | Novi Meadows         | 377 |
| IN | Terre Haute      | Honey Creek MS       | 374 |
| FL | Tallahassee      | Deerlake MS          | 364 |
| CA | La Jolla         | La Jolla Country Day | 345 |
| TX | Houston          | Rogers School        | 343 |
| FL | Tallahassee      | Fairview MS          | 341 |
| NE | Lincoln          | Lux MS               | 322 |
| MO | Chesterfield     | Parkway Central      | 295 |

## GRADE 7 (CUMULATIVE)

|    |                  |                      |     |
|----|------------------|----------------------|-----|
| MD | Silver Spring    | Takoma Park MS       | 469 |
| CA | South Pasadena   | South Pasadena MS    | 443 |
| MI | Novi             | Novi Meadows         | 429 |
| SC | Columbia         | Dent MS              | 418 |
| FL | Tallahassee      | Fairview MS          | 413 |
| CA | Palos Verdes Est | Intermediate         | 412 |
| NJ | Skillman         | Montgomery Lower     | 407 |
| IA | Coralville       | Northwest JHS        | 405 |
| IN | Terre Haute      | Honey Creek MS       | 403 |
| NE | Lincoln          | Lux MS               | 389 |
| NJ | Morganville      | Marlboro Memorial    | 379 |
| OH | Mason            | Mason MS             | 374 |
| FL | Tallahassee      | Deerlake MS          | 372 |
| NY | Long Island      | The 30th Ave School  | 354 |
| CA | La Jolla         | La Jolla Country Day | 352 |

## GRADE 8 (CUMULATIVE)

|    |                  |                      |     |
|----|------------------|----------------------|-----|
| MD | Silver Spring    | Takoma Park MS       | 479 |
| IA | Coralville       | Northwest JHS        | 441 |
| SC | Columbia         | Dent MS              | 438 |
| NJ | Skillman         | Montgomery Lower     | 436 |
| CA | South Pasadena   | South Pasadena MS    | 435 |
| IN | Terre Haute      | Honey Creek MS       | 430 |
| NJ | Marlboro         | Marlboro MS          | 428 |
| FL | Tallahassee      | Deerlake MS          | 427 |
| CA | Palos Verdes Est | Intermediate         | 396 |
| NE | Lincoln          | Lux MS               | 392 |
| NJ | Morganville      | Marlboro Memorial    | 383 |
| FL | Tallahassee      | Fairview MS          | 378 |
| NE | Papillion        | Papillion MS         | 359 |
| CA | La Jolla         | La Jolla Country Day | 355 |
| AZ | Chandler         | Willis JHS           | 341 |
| MN | Willmar          | Willmar MS           | 335 |
| NY | New York         | Anderson School      | 332 |

## GRADE 9 (CUMULATIVE)

|    |          |                      |     |
|----|----------|----------------------|-----|
| CA | La Jolla | La Jolla Country Day | 324 |
| NE | Lincoln  | East HS              | 310 |
| NJ | Hamilton | Crockett MS          | 299 |

## DIVISION 3 (CUMULATIVE)

|    |                  |                      |     |
|----|------------------|----------------------|-----|
| MD | Silver Spring    | Takoma Park MS       | 477 |
| SC | Columbia         | Dent MS              | 473 |
| NJ | Skillman         | Montgomery Lower     | 470 |
| CA | South Pasadena   | South Pasadena MS    | 463 |
| FL | Tallahassee      | Deerlake MS          | 459 |
| NE | Lincoln          | Mickle MS            | 456 |
| IN | Indianapolis     | Sycamore School      | 454 |
| IN | Terre Haute      | Honey Creek MS       | 450 |
| FL | Tallahassee      | Fairview MS          | 446 |
| CA | Palos Verdes Est | Intermediate         | 439 |
| NE | Lincoln          | Lux MS               | 439 |
| CA | La Jolla         | La Jolla Country Day | 411 |
| GA | Marietta         | Dickerson MS         | 382 |
| NJ | Hamilton         | Crockett MS          | 366 |
| TX | Houston          | Rogers School        | 356 |
| CT | Wolcott          | Tyrrell MS           | 351 |

## DIVISION 2 (CUMULATIVE)

|    |                 |                     |     |
|----|-----------------|---------------------|-----|
| IA | Coralville      | Northwest JHS       | 451 |
| MI | Novi            | Novi Meadows        | 427 |
| NJ | Morganville     | Marlboro Memorial   | 425 |
| NJ | Marlboro        | Marlboro MS         | 421 |
| NY | Long Island     | The 30th Ave School | 406 |
| KS | Shawnee Mission | Indian Woods MS     | 405 |
| NY | New York        | Anderson School     | 404 |
| OH | Mason           | Mason MS            | 397 |

## INDIVIDUAL WINNERS

### GRADE 6

#### GOLD PINS—GRADE 6

|    |                      |                    |
|----|----------------------|--------------------|
| 40 | Dayton Englebart     | Mickle, NE         |
| 39 | Alex Ninimiya        | South Pasadena, CA |
| 39 | Jacob Lynch          | Mickle, NE         |
| 39 | Aanabeth Schubert    | Mickle, NE         |
| 39 | Jeffrey Xu           | Skillman, NJ       |
| 39 | Shrihan, Ganesh Baba | Dent, SC           |
| 39 | Lily Zhang           | Dent, SC           |
| 38 | Uriel Frumkin        | Takoma Park, MD    |
| 38 | Sam Tidball          | Mickle, NE         |
| 38 | Nicholas Kang        | Skillman, NJ       |
| 38 | Evan Lin             | Skillman, NJ       |
| 37 | Sequoia Ding         | South Pasadena, CA |
| 37 | Alex Lu              | Sycamore, IN       |
| 37 | Akshay Guttikonda    | Sycamore, IN       |
| 37 | Brady Exoo           | Honey Creek, IN    |
| 37 | Evan Wang            | Takoma Park, MD    |
| 37 | Christina Xu         | Lux, NE            |
| 37 | Joseph Ravindran     | Dent, SC           |

#### SILVER PINS—GRADE 6

|    |                |                         |
|----|----------------|-------------------------|
| 36 | Gavin, NI      | LaJolla Country Day, CA |
| 36 | Elijah Chen    | Deerlake, FL            |
| 36 | Aaron Hu       | Deerlake, FL            |
| 36 | Arib Syed      | Deerlake, FL            |
| 36 | James Zhang    | Deerlake, FL            |
| 36 | Nelsobn You    | Sycamore, IN            |
| 36 | Stephen Chen   | Takoma Park, MD         |
| 36 | Solomon Gold   | Takoma Park, MD         |
| 36 | Moses Katz     | Takoma Park, MD         |
| 36 | Tianlai Yang   | Takoma Park, MD         |
| 36 | Gabriel Nather | Takoma Park, MD         |
| 36 | Steven Wang    | Takoma Park, MD         |
| 36 | Shrey Agarwal  | Lux, NE                 |
| 36 | Amanda Gong    | 30th Ave School, NY     |
| 36 | Anya Rassalov  | Dent, SC                |

### BRONZE PINS—GRADE 6

|    |                    |                     |
|----|--------------------|---------------------|
| 35 | Laxmi Mcguire      | Fairview MS, FL     |
| 35 | Shaoxang Ma        | Deerlake, FL        |
| 35 | Jacen Li           | Takoma Park, MD     |
| 35 | Sameer Mehta       | Takoma Park, MD     |
| 35 | Ishaan Sid         | Novi Meadows, MI    |
| 35 | Kavin Saravanan    | Dent, SC            |
| 35 | Rohith Joseph      | Dent, SC            |
| 34 | Christopher Chow   | Honey Creek, IN     |
| 34 | Daniel He          | Takoma Park, MD     |
| 34 | Michael Wang       | Takoma Park, MD     |
| 34 | Jerry Song         | Takoma Park, MD     |
| 34 | River Qiu          | Takoma Park, MD     |
| 34 | Augustine Campbell | Lux, NE             |
| 34 | Mark Yang          | Skillman, NJ        |
| 34 | Tiffany Hermawan   | 30th Ave School, NY |
| 34 | Chenkai Shen       | 30th Ave School, NY |
| 34 | Mikul Wyrer        | Seven Hjills, OH    |
| 34 | John Kim           | Dent, SC            |
| 34 | Satvik Nelakutih   | Dent, SC            |

### GRADE 7

#### GOLD PINS—GRADE 7

|    |                 |                    |
|----|-----------------|--------------------|
| 40 | Riley Brown     | Mickle, NE         |
| 40 | Rachel Kwan     | Dent, SC           |
| 39 | Jackie Mancera  | South Pasadena, CA |
| 39 | Karthik Vedula  | Fairview, FL       |
| 39 | Eric Zeng       | Fairview, FL       |
| 39 | Jiayi Baij      | Deerlake, FL       |
| 39 | Wesley Chen     | Deerlake, FL       |
| 39 | Greta Albrecht  | Indian Woods, KS   |
| 39 | Grace Yang      | Sycamore, IN       |
| 39 | Steven Sun      | Sycamore, IN       |
| 39 | Anna Gu         | Takoma Park, MD    |
| 39 | Jill Rosa       | Mickle, NE         |
| 39 | Holly Stuebner  | Mickle, NE         |
| 39 | George Cao      | Skillman, NJ       |
| 39 | Siddanth Pabba  | Skillman, NJ       |
| 39 | Saksham Rustagi | Skillman, NJ       |
| 39 | Dev Patel       | Dent, SC           |
| 39 | Madison Han     | Dent, SC           |

**SILVER PINS—GRADE 7**

|    |                       |                       |
|----|-----------------------|-----------------------|
| 38 | Tanmay Haldiya        | Fairview, FL          |
| 38 | Matthew Harrelson     | Black River, MI       |
| 38 | Anuprova Bhowmik      | Takoma Park, MD       |
| 38 | Kevin Wu              | Takoma Park, MD       |
| 38 | Art Provost           | Mickle, NE            |
| 38 | Ivan Wong             | Marlboro, NJ          |
| 38 | Ryan Tian             | Skillman, NJ          |
| 38 | Ella Joo              | Anderson, NY          |
| 37 | Emily Silkina         | Berkeley Hall, CA     |
| 37 | Jeff Chen             | South Pasadena, CA    |
| 37 | Cade Benson           | Northwest, IA         |
| 37 | Anish Lodh            | Northwest, IA         |
| 37 | Elina Lee             | Takoma Park, MD       |
| 37 | Autumn Qiu            | Takoma Park, MD       |
| 37 | Brian Siegel          | Takoma Park, MD       |
| 37 | Sophia Sun            | Takoma Park, MD       |
| 37 | Andrew Szabo          | Takoma Park, MD       |
| 37 | Charles Wajda-Gotwais | Takoma Park, MD       |
| 37 | Eswar Ramamurthy      | Lux, NE               |
| 37 | Elizabeth Foreman     | St. Margaret Mary, NE |
| 37 | Miranda Qing          | Skillman, NJ          |
| 37 | Michael Zuo           | Mason, OH             |
| 37 | Carson Aycock         | Dent, SC              |

**BRONZE PINS—GRADE 7**

|    |                 |                    |
|----|-----------------|--------------------|
| 36 | Ryan Arlett     | South Pasadena, CA |
| 36 | Thomas Uelmen   | South Pasadena, CA |
| 36 | Cyrus Nadizadeh | Deerlake, FL       |
| 36 | Bruce Yang      | Deerlake, FL       |
| 36 | Athena Wu       | Northwest, IA      |
| 36 | Duncan Tennant  | Indian Woods, KS   |
| 36 | Heerok Dos      | Takoma Park, MD    |
| 36 | Megan Gu        | Takoma Park, MD    |
| 36 | Nathan Shan     | Takoma Park, MD    |
| 36 | Eric Ma         | Novi Meadows, MI   |
| 36 | Preya Patel     | Novi Meadows, MI   |
| 36 | Winston Hou     | Lux, NE            |
| 36 | Prineet Parhar  | Skillman, NJ       |
| 36 | Yuhao Pan       | Anderson, NY       |

**GRADE 8****GOLD PINS—GRADE 8**

|    |                     |                  |
|----|---------------------|------------------|
| 40 | Dylan Epstein-Gross | Fairview, FL     |
| 40 | Bill Chen           | Northwest, IA    |
| 40 | Ana Moon            | Indian Woods, KS |
| 40 | Megan Bogner        | Indian Woods, KS |
| 40 | Moussa Henderson    | Indian Woods, KS |
| 40 | Grace Hu            | Takoma Park, MD  |
| 40 | Eric Li             | Skillman, NJ     |
| 40 | Wesley Fletcher     | Dent, SC         |
| 40 | Christopher Li      | Dent, SC         |
| 40 | Zachary Huang       | Dent, SC         |
| 40 | Pranav Poola        | Dent, SC         |

**SILVER PINS—GRADE 8**

|    |                          |                       |
|----|--------------------------|-----------------------|
| 39 | Ethan Xie                | South Pasadena, CA    |
| 39 | Filippo Aldrovandi-Reisa | Deerlake, FL          |
| 39 | Vera Chyi                | Deerlake, FL          |
| 39 | Rahul Iyer               | Deerlake, FL          |
| 39 | John Woo                 | Deerlake, FL          |
| 39 | Owen Fiedorwicz          | Northwest, IA         |
| 39 | Molly Legg               | Indian Woods, KS      |
| 39 | Lincoln Knowles          | Indian Woods, KS      |
| 39 | Ria Garg                 | Takoma Park, MD       |
| 39 | Alena Hu                 | Takoma Park, MD       |
| 39 | Dhruv Pai                | Takoma Park, MD       |
| 39 | Ashley Thommana          | Takoma Park, MD       |
| 39 | Justin Wu                | Marlboro, NJ          |
| 39 | Shyam Ganesh Babu        | Dent, SC              |
| 38 | Jack Shaw                | Indian Woods, KS      |
| 38 | Matthew Gambill          | Honey Creek, IN       |
| 38 | MacNeil Lambert          | Honey Creek, IN       |
| 38 | Lynna Deng               | Takoma Park, MD       |
| 38 | Phillip Guo              | Takoma Park, MD       |
| 38 | Shrujana Kunnam          | Takoma Park, MD       |
| 38 | Steven Su                | Takoma Park, MD       |
| 38 | Rose Jorgensen           | Mickle, NE            |
| 38 | Zach Kozak               | Mickle, NE            |
| 38 | Zachary Schubert         | Mickle, NE            |
| 38 | G. Rajapaksha            | Marlboro, NJ          |
| 38 | Sean Liu                 | Skillman, NJ          |
| 38 | Krish Kumar              | University School, OK |

## **BRONZE PINS—GRADE 8**

|    |                   |                    |
|----|-------------------|--------------------|
| 37 | Noah Kuhn         | South Pasadena, CA |
| 37 | Connor Wang       | South Pasadena, CA |
| 37 | Brighten Jiang    | Deerlake, FL       |
| 37 | Akhil Bharanidhar | Northwest, IA      |
| 37 | Karolena Zhou     | Sycamore, IN       |
| 37 | Gcarina Guo       | Takoma Park, MD    |
| 37 | Jason Liu         | Takoma Park, MD    |
| 37 | Simoni Mishra     | Takoma Park, MD    |
| 37 | Alexander Pease   | Takoma Park, MD    |
| 37 | Peter Wange       | Takoma Park, MD    |
| 37 | Jadi Wang         | Marlboro, NJ       |
| 37 | David Chang       | Marlboro, NJ       |
| 37 | Jenny Fan         | Skillman, NJ       |
| 37 | Sanjit Kobla      | Skillman, NJ       |
| 37 | Andrew Wan        | Skillman, NJ       |
| 37 | Eileen Chen       | Dent, SC           |

## **GRADE 9**

### **GOLD PINS—GRADE 9**

|    |             |                |
|----|-------------|----------------|
| 36 | Vincent Cui | Tower Hill, DE |
|----|-------------|----------------|

### **SILVER PINS—GRADE 9**

|    |                   |                |
|----|-------------------|----------------|
| 34 | Keally Rohrbucher | Tower Hill, DE |
|----|-------------------|----------------|

### **BRONZE PINS—GRADE 9**

|    |                 |                         |
|----|-----------------|-------------------------|
| 32 | Bekah Harrelson | Black River, MI         |
| 31 | Alicia Cui      | Tower Hill, DE          |
| 30 | Andrew Kuhn     | LaJolla Country Day, CA |