

2019 John O'Bryan Mathematics Competition Summary

10 schools participated in this year's competition: Beechwood, Bishop Brossart, Campbell County, Cooper, Dixie Heights, Highlands, Holy Cross, Meniffee County, Simon Kenton, and St. Henry.

A total of 89 students (52 J/S and 37 F/S) participated in the competition this year!

Support for this year's event was graciously provided by NKU Department of Mathematics and Statistics. Awards were sponsored by Mu Alpha Theta. Thank you! Also, thanks to the many NKU faculty and student volunteers who make the contest possible and to Northern Kentucky University for hosting the event. Information about the event is posted at <https://inside.nku.edu/artsci/departments/math/competitions/obryan.html>.

Varsity Team Awards

First Place	Campbell County	101 points
Second Place	Cooper	69 points
Third Place	Simon Kenton	62 points
Fourth Place	Beechwood	57 points
Fifth Place	St. Henry	45 points
Honorable Mention	Dixie Heights	40 points

Junior Varsity Team Awards and Recognition

First Place	Campbell County JV1	67 points
Second Place - Tie	Dixie Heights JV1	39 points
Third Place	Bishop Brossart JV	33 points
Fourth Place	Beechwood JV1	31 points
Fifth Place	St. Henry JV1	26 points

*Note: Dixie Heights JV2 scored 36. Campbell County JV2 scored 34.

Varsity Sub-Competition Awards and Recognition

	Five-Person Team		Written Competition	
First Place	St. Henry	25	Campbell County	45
Second Place	Campbell County	24	Cooper	25
Third Place	Simon Kenton	21	Beechwood	23
Fourth Place	Cooper	20T	Simon Kenton	19
Fifth Place	Beechwood	20T	St. Henry	17

Junior Varsity Sub-Contest Recognition

	Five-Person Team		Written Competition	
First Place	Campbell County JV1	31	Campbell County JV1	36
Second Place	Dixie Heights JV1	19T	Campbell County JV2	22
Third Place	Bishop Brossart JV	19T	Dixie Heights JV1	20T
Fourth Place	Beechwood JV1	19T	Dixie Heights JV2	20T
Fifth Place	Dixie Heights JV2	16	St. Henry JV1	14

Two-Person Speed Competition Awards and Recognition

First Place	Ryan Heiert, Ethan Schnee	Campbell County	32
Second Place	Lars Heuenstiel, Luke Vanlaningham	Cooper	24
Third Place	Elizabeth Hinsdale, Jacob Vogelpohl	Simon Kenton	22
Fourth Place	Logan Ham, Erin Preston	Beechwood	14
Fifth Place	Matthew Kane, Tyler Schowalter	Dixie Heights	8T
	Steven Jiao, Trey Spoonamore	Bishop Brossart	8T

Individual Accomplishments (the top 40% are shown)

Freshman-Sophomore Written (Individual Scores) Junior-Senior Written (Individual Scores)

Name	School	FS Score
Ethan Taylor	Campbell County JV1	15
Anna Morris	Campbell County	14
Matthew Maines	Campbell County JV1	14
Anna Engelman	Dixie Heights JV1	12
Dunil Kas turiratna	Campbell County JV2	11
Jax Ludmann	Beechwood JV2	11
Molly Clements	Beechwood	10
Aidan Murphy	Dixie Heights JV2	9
Ian Kirs chenbaum	Highlands	8
Jack Goodwin	St. Henry JV1	8
Katie Nottingham	Beechwood JV1	7
Kyle Szekeres	Dixie Heights	6
Carter Verst	Campbell County JV2	6
Owen Michaels	Dixie Heights JV2	6
Logan Rau	Bishop Brossart JV	6
Evan Heiert	Campbell County JV2	5
Gab Kautz	Dixie Heights JV2	5

Name	School	JS Score
Ethan Schnee	Campbell County	16
Dominic Palmieri	Campbell County	15
Lars Heuenstiel	Cooper	13
Ryan Heiert	Campbell County	13
Luke Vanlaningham	Cooper	12
Jacob Vogelpohl	Simon Kenton	12
Logan Hamm	Beechwood	11
Steven Jiao	Bishop Brossart	9
Noah Coronado	Campbell County	8
TJ Mueller	St. Henry	7
Matthew Kane	Dixie Heights	7
Chris tian Lane	Campbell County JV1	7
Corey Robins on	Campbell County JV1	6
Josh Yang	Campbell County JV1	6
Drew Trapp	St. Henry	5
Griffin Gould	St. Henry	5
Emily Harde s ty	Beechwood JV1	5
Tyler Schowalter	Dixie Heights	4
Rebecca Smith	Dixie Heights JV1	4
Katherine Taylor	Beechwood JV1	4

Additional Contest Statistics

**Freshmen-Sophomore Individual
Distribution of Scores (n = 37)**

Score	Students	Percentile
15	1	100
14	2	94
12	1	92
11	2	86
10	1	83
9	1	81
8	2	75
7	1	72
6	4	61
5	2	56
4	8	33
3	5	19
2	3	11
1	3	3
0	1	0

**Junior-Senior Individual
Distribution of Scores (n = 52)**

Score	Students	Percentile
16	1	100
15	1	98
13	2	94
12	2	90
11	1	88
9	1	86
8	1	84
7	3	78
6	2	75
5	3	69
4	3	63
3	6	51
2	13	25
1	12	2
0	1	0

Note: In the tables below, each column is sorted in descending order. Columns are unconnected.

Junior Varsity Team Totals (6 Schools)

Rank	Written	Five Person	Score Overall
1	36	31	67
2	22	19	39
3	20	19	36
4	20	19	34
5	14	16	33
6	14	12	31
7	14	12	26
8	12	8	20
9	9	7	16
10	6	6	14

Varsity Team Totals (10 Schools)

Rank	Written	Five Person	Two Person	Score Overall
1	45	25	32	101
2	25	24	24	69
3	23	21	22	62
4	19	20	14	57
5	17	20	8	45
6	17	16	8	40
7	12	15	3	36
8	8	8	0	14
9	6	5	0	10
10	5	0	0	8