



Blue Dukes

MATH TEAM: 2018-2019

The Math Team at Whitefish Bay High School is an ever-changing group of students. Approximately two weeks before most competitions, a tryout is held during ISHP/lunch or after school. A tryout consists of individually completing a challenging problem set from a previous competition. This tryout process determines the students who will compete at that particular event. A student is not obligated to compete in all competitions after competing in one.

Team events provide trophies and medals to the top teams and top-scoring individuals. In addition, there are several individual competitions throughout the year. The contests planned for the 2018-2019 school year are listed below.

The Math Team advisor is Mrs. Woodnorth - Room 345.

Wisconsin Math League Contests at WFBHS

The 6 WML contests take place on Tuesdays at 3:45pm in the study hall room (334). Each contest is 30 minutes long and consists of 6 questions. Our top 5 scores for each contest are submitted for comparison against other schools across the state. Awards are given to schools and individuals with the top total scores for the 6 contests. **No tryout required! Anyone may participate; however, you must stay for the entire 30-minute contest.**

The 2018 - 2019 dates for the Wisconsin Math League contests this year are listed below

October 16	November 13	December 11
January 8	February 12	March 19

MAA competition Thursday, December 6th (during school)

The MAA competition is an individual, national contest of math aptitude sponsored by UW-Milwaukee but held at Whitefish Bay High School. While the contest is designed for students who have studied at least one year of algebra, and are at least in their first semester of geometry, any student may participate based on teacher recommendation and/or interest. The MAA competition is a multiple-choice test with a system that rewards students for not guessing randomly, and it is the first of a sequence of progressively more difficult individual contests. Students who score well will be asked to compete in the American Mathematics Contest (AMC 10/12) in February.

AMC 10/12 Thursday, February 7th or Wednesday, February 13th (during school)

The American Mathematics Contest (AMC 10/12) is the second level of individual competitions intended to identify mathematically talented students. The AMC 12 is a varsity level competition, but is open to students in grades 9-12. The AMC 10 is a junior varsity level competition and is only open to students in grades 9 and 10. We will invite approximately 30 students to take the AMC 12 and approximately 20 students to take the AMC 10 based on their MAA scores from December.

North Shore Conference Math Meet early February (after school)

This is an individual and team competition for WFBHS students against the other high schools in the North Shore conference. We will hold a tryout and will bring a varsity team of 8 students (with 2 alternates) and a junior varsity team of 8 students (with 2 alternates).

State Math Meet

late February/early March (after school)

The State Math Meet is an individual and team competition against other schools throughout the state of Wisconsin. We will hold a tryout to create a varsity team of 8 students. The competition is held after school at Whitefish Bay High School and results are sent to state contest officials for scoring.

American Invitational Math Exam (AIME) Thursday, March 21st (during school)

The AIME is the third level of individual competitions intended to identify mathematically talented students from across the nation. A specific cutoff score on the AMC 12 is needed to qualify for this competition. Students taking the AMC 10 may also qualify for the AIME if they reach a certain score.

Math Olympiad April 17th and 18th (during school)

This is the final level of individual competitions. Only a very small number of students qualify for this in the state. Reaching this level is an indication of exceptional math aptitude.

Marquette Math Challenge – offered again this year!

Marquette University High School is offering high school students with strong interest and talent in mathematics a great opportunity to use and strengthen those gifts by working on interesting problems from the American Mathematics Competitions. These events are held from 2 to 4 p.m. on the following 9 Saturdays: Oct. 27; Nov. 3, 10, 17; Jan. 12, 19, 26; Feb 2; March 2. There is a \$35 participation fee per student. Please see Mrs. Woodnorth in Room 345 for more information.

*Blue Dukes*

Varsity Math Letter

To receive a math academic letter a student needs to meet **at least 4** of the following criteria.

1. Have a cumulative score of 12 or higher on the Wisconsin Math League
2. Have a score in the top 30% of the MAA (based on the number of WFBHS participants)
3. Participate in the North Score Conference Meet at the **varsity** level
4. Have a score of 80 or higher on the AMC 12
5. Participate in the State Math Meet
6. Have a score of 1 or higher on the AIME
7. Participate in the Math Olympiad