Membership Application

Review the attached *Eligibility Overview,* as **additional requirements** for applicants are listed. Completed applications can be submitted to Ms. Nese (Room B122) by Friday, January 18th, 2019. All applications will be reviewed by the FLHS National Mathematics Honor Society Faculty Council. **Application will not be accepted if directions are not followed.**

**PART I: BACKGROUND INFORMATION. Please print clearly in black/blue pen.**

Name:

Current Grade: \_\_\_\_\_\_

Address:

Phone:

Parent(s)/Guardian(s):

Guidance Counselor:

Homeroom Teacher:

Please list all high school math courses, beginning with this year and working backward. (Note: include your MP1/current grade for this year’s math course.)

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| --- | --- | --- | --- | --- |
| *Math Course* | *School Year* | *Teacher* | *Level (AP, Honors, CP)* | *Final Grade* |
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I, , am submitting this application for membership in the FLHS Chapter of the National Mathematics Honor Society due to my interest in mathematics. I feel that I meet the qualifications for membership, and understand that the FLHS NMHS Faculty Council will review my application to decide my membership status.

Applicant Signature:

Date:

Parent(s) Signature(s):

Date:

**PART 2: PERSONAL STATMENT.**

**Please type and attach responses to the questions below. *\*\* Handwritten responses will NOT be accepted.\*\****

**Mandatory Questions:**

1. In addition to building your resume, why would you like to be a part of the FLHS NMHS?

2. What, or who, prompted your interest in mathematics? How?

3. What have you done to encourage math activities in the community (in and out of FLHS)?

4. After high school, how do you plan to continue your pursuit of mathematics? Explain.

**Choose at least 3 of the following questions. (Creativity is encouraged!)**

1. What part of mathematics do you fear the most?

2. What part of mathematics intrigues you the most?

3. What was your proudest mathematical experience? Explain.

4. What is your favorite mathematic operator (or function)? Explain.

5. Prove a theorem or law of choice.

**PART 3: Essay on Leadership, Character, and Citizenship**

**Please type and attach. APA format.**

**Minimum 5 paragraphs and 2 pages**

**Before submitting, check that the following is included:**

**Part 1: Background Information**

**Part 2: Personal Statement**

**Part 3: Essay on Leadership, Character, and Citizenship**

Eligibility Overview

Students of Fair Lawn High School must meet the following requirements for membership consideration into the FLHS Chapter of the National Mathematics Honor Society.

All applications will be reviewed by the FLHS National Mathematics Honor Society Faculty Council.

**Academic Requirements**

*If the applicant is a Junior...*

1. Must have completed at least five (5) semesters of mathematics at **FLHS**, in the following courses:

ii. Geometry (Honors Level)

iii. Algebra 2 (Honors Level)

iv. Pre-Calculus (Honors Level)

v. AP Calculus AB/BC

2.  **Must be enrolled in at least one of the following courses for senior year:**

ii. AP Calculus AB

iii AP Calculus BC

iv. Multivariable Calculus v. AP Statistics

3. Must have an **overall FLHS GPA of a 3.5 or higher**.

4. Must have an **overall Math GPA of 4.0 on the FLHS scale**.

*If a student took Algebra I in the middle school, that grade does not count toward computation of membership requirements.*

*If the applicant is a Senior...*

1. Must have completed at least seven (7) semesters of mathematics at FLHS, in the following courses:

i. Geometry (CP or Honors Level)

ii. Algebra 2 (CP or Honors Level)

iii. Pre-Calculus (CP or Honors Level)

2. Must be enrolled in at least one of the following courses for senior year:

i. Calculus Honors ii. AP Calculus AB iii AP Calculus BC

iv. Multivariable Calculus v. Statistics Honors

vi. AP Statistics

3. Must have (and maintain) an **overall GPA of a 3.5 or higher**.

4. Must have an **overall Math GPA of 4.0 on the FLHS scale**.

*If a student took Algebra I in the middle school, that grade does not count toward computation of membership requirements.*

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**Leadership, Character, and Citizenship**

*All applicants* must demonstrate leadership, character, and citizenship within the community and the school itself. This will be accomplished by submitting a brief essay explaining personal leadership, character, and citizenship abilities as well as provide examples of each.

Student leaders are those who are resourceful, good problem solvers, promoters of school activities, idea-contributors, dependable, and persons who exemplify positive attitudes about life. *Leadership* experiences can be drawn from school or community activities while working with or for others.

The student of *good character* upholds principles of morality and ethics, is cooperative, demonstrates high standards of honesty and reliability, shows courtesy, concern, and respect for others, and generally maintains a good and clean lifestyle.

The student who demonstrates *citizenship* understands the importance of civic involvement, has a high regard for freedom, justice, and democracy, and demonstrates mature participation and responsibility through involvement with such activities as scouting, community organizations, and school clubs.

**Continued Membership Requirements**

*Membership is on a year-to-year basis. As such, all members must...*

1. Maintain the GPA as detailed in the Academic Requirements for Overall Eligibility.

Grade qualifications of each member will be reevaluated at the beginning of each academic year.

2. Attend all MHS meetings and inductions.

3. Engage in service hours that promote the learning of mathematics. Such activities may include (but are not limited to) helping with the organization of math contests, tutoring in math without compensation, or leading monthly meeting activities.

4. Participate in the Annual American Math Competition (AMC).

5. Pay annual dues **($20 for new members).** The annual fee will include registration with the State and National Mu Alpha Theta Organization and Graduation Cord and Tassel.

**Benefits of Membership**

*National Mu Alpha Theta will award up to thirteen $4000 scholarships this year. Any graduating High School Senior or Two-Year College student who is an active member of a current Mu Alpha Theta chapter is eligible. The nominee should be an outstanding mathematics student and should have shown loyalty and dedication to their Mu Alpha Theta chapter, enthusiastically participating in local projects with evidence of service in the area of mathematics.*