



MATHEMATICS EDUCATION TRUST
**Professional Development
Scholarship Emphasizing History,
Number Theory, or Discrete Mathematics**

PURPOSE:

To provide financial support for:

- completing credited course work, or designing and implementing a personal study plan in one of the following areas: some aspect of the history of mathematics, number theory, or discrete mathematics
- creating and field-testing appropriate classroom activities and
- preparing and delivering a professional development presentation to colleagues.

SUPPORTED BY: Father Stanley J. Bezuska/Margaret J. (Peg) Kenney Fund and NCTM

GRADES: 6–8, 9–12

GRANT AMOUNT: Maximum of \$3,000

DEADLINE: May 1

ELIGIBLE APPLICANTS:

- Must have taught school mathematics at least three years and intend to remain in teaching.
- Currently teaching mathematics at the grades 6-12 level at least 50% of the school day.
- Past recipients of this grant are not eligible to re-apply.
- No person(s) may receive more than one award administered by the Mathematics Education trust in the same academic year.

AWARD TYPE: Individual

Note: The Internal Revenue Service classifies scholarship payments in two ways: a non-taxable scholarship and a taxable scholarship. Awardees are responsible for reporting taxable scholarships and remitting any tax due with their personal income tax return. Additional information is available in IRS Publication 970, "Tax Benefits for Education" or from your tax professional.

MEMBERSHIP REQUIREMENT:

The applicant must be a current (on or before the application deadline) Essential or Premium member of NCTM.

GENERAL PROPOSAL INFORMATION:

- Proposals must identify the credited agency offering the course(s) with a complete description of the course(s) or provide an outline of a personal study plan including resources to be used.
- Provide a description of how the created activities will be field-tested.
- Project activities are to be completed by August 31 of the next calendar year.

AWARD APPLICATION INFORMATION

PROPOSAL COMPONENTS:

Use the components below to outline your proposal. See Rubric for additional information.

I. Proposal (Three pages maximum; single-space, 12 font, 1 inch margin)

A. Plan

- Describe your interest in the history of mathematics, number theory, or discrete mathematics.
- Identify specific mathematics course(s) **OR** provide a personal program of study in the history of mathematics, number theory, or discrete mathematics with a timeline for completion of study.
 - Identify the institution or agency offering the credited course(s). Include full course title catalogue description and number of credits for each course
- OR**
- Describe your planned personal program of study. Detail what you expect to do and list the study resources you need to complete your program.
- Describe how created materials will be field-tested.
- Include a planned professional presentation component to be shared with colleagues.

B. Outcome

Describe how completing the proposed course(s) or personal study will help you improve your teaching, increase the knowledge base of colleagues, and impact student learning.

II. Budget (Two pages maximum; table format)

- No indirect costs can be included.
- Include an itemized budget, presented in line-item table format with justifications for each line item. Justify the line items.
- If the total budget for a proposed project is greater than the grant maximum, indicate clearly what the grant funds will cover and what additional funding sources might be available to complete the total budget.
- List any other scholarship support currently being received.

III. Background and Experience

Provide one-page maximum, outline format preferred that includes:

- Formal education: institution, type of degree, major, minor, and date each degree was granted.
- Teaching experience related to this proposal. Indicate current school(s), teaching assignments, and other pertinent information, including continuing education and professional activities.

IV. Letter of Support from Principal

Provide a letter from your principal, one-page maximum, that:

- Is on official school letterhead and signed by the principal.
- Confirms the current and expected next year teaching status of the applicant.
- Indicates strong support for the proposal and the applicant's ability to accomplish it.

FINAL REPORT REQUIREMENTS:

- Awardees will be required to submit a brief report (two to three-page single-spaced pages outlining the insights and knowledge gained through the course work experiences(s) and an itemized report of expenses (with receipts).
- Provide a collection of the activities that were created.
- Provide an electronic copy of the professional development presentation given to colleagues together with a brief description of the type of meeting at which the presentation was given (e.g. department, district, affiliate, etc.).

AWARD APPLICATION INFORMATION

PAYMENT SCHEDULE:

Two-thirds of the approved budget, not to exceed \$2000, will be paid at the beginning of the project; the remainder will be paid on receipt of a final report and verified expenses (with receipts) related to the proposal.