



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

PURPOSE:

The purposes of this scholarship are to provide financial support for (1) 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 (2) creating and field-testing appropriate classroom activities incorporating the history of mathematics, number theory, or discrete mathematics into the curriculum and (3) preparing and delivering a professional development presentation to colleagues.

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

GRADES: 6–8, 9–12

GRANT AMOUNT: Maximum of \$3,000 each will be awarded

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.
- Teachers who satisfy the above requirements and have taken a course previously in the history of mathematics are eligible to apply.
- 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.

INDIVIDUAL AWARD OR ORGANIZATIONAL AWARD: 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.

AWARD APPLICATION INFORMATION

GENERAL PROPOSAL INFORMATION:

- Proposals must address the following: identification of the credited agency offering the course(s) with a complete description of the course(s) or the outline of a personal study plan including resources to be used.
- A description of how the created activities will be field-tested should also be submitted.
- Project activities are to be completed by August 31 of the next calendar year.

PROPOSAL COMPONENTS:

I. Proposal (Three pages maximum)

A. Plan

- Describe your interest in the history of mathematics, number theory, or discrete mathematics.
- Identify specific mathematics course(s) **OR** 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 professional presentation component presented to 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.
- Include an itemized budget, presented in line-item table format.
- If the total budget for a proposed project is greater than the scholarship maximum, indicate clearly what the scholarship funds will cover and what additional funding sources might be available to complete the total budget.
- Be specific and indicate how you would allocate \$3,000 from this award to be used for tuition, books, supplies, transportation, and other expenses related to achieving the goals of the proposal.
- List any other scholarship support currently being received.

III. Background and Experience

- One-page maximum, outline format preferred.
- Formal education including the institution, type of degree, major, minor, and date each degree was granted.
- Teaching experience indicating the school(s), teaching assignments, and other pertinent information, including continuing education and professional activities.

AWARD APPLICATION INFORMATION

IV. Letter of Support from Principal

- One-page maximum.
- Must be on official school stationery and signed by the principal.
- Confirm the teaching status of the applicant.
- Indicate 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 double-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 history of mathematics, number theory, or discrete mathematics activities that were created based on the experience gained from the credited coursework.
- Provide an outline of a 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.).
- Submit an electronic copy of the professional development PowerPoint® presentation.

PAYMENT SCHEDULE:

- Half of the approved budget, not to exceed \$1,500, 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.