



MATHEMATICS EDUCATION TRUST
Connecting Mathematics to Other Subject Areas Grants
(9-12)

PURPOSE:

The purpose of this grant is to create senior high classroom materials or lessons connecting mathematics to other fields.

SUPPORTED BY: Theoni Pappas Fund

GRADES: 9-12

GRANT AMOUNT: Maximum of \$4,000 each

DEADLINE: November 1

ELIGIBLE APPLICANTS:

- Currently teaching mathematics in grades 9-12 at least 50 percent of the school day
- No person(s) may receive more than one award administered by the Mathematics Education Trust in the same academic year.
- Past recipients of this award are not eligible to reapply.

INDIVIDUAL AWARD OR ORGANIZATIONAL AWARD: Individual

MEMBERSHIP REQUIREMENT:

- The applicant must be a current (on the day of the application) Essential OR Premium member of NCTM.

GENERAL PROPOSAL INFORMATION:

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- Materials may be in the form of books, visual displays, computer programs or displays, slide shows, videotapes, or other appropriate medium.
- The focus of these materials should be on showing the connectivity of mathematics to other fields or to the world around us.
- Any acquisition of equipment or payment of personal stipends must be critical to the grant proposal and may not be a major portion of the proposed budget.
- Any published sources must be documented.
- Proposals must address the following: goals and objectives, the plan for developing and evaluating materials including a timeline with action steps, the connectivity of mathematics to other fields or disciplines, and anticipated impact on students' learning.

AWARD APPLICATION INFORMATION

PROPOSAL COMPONENTS:

I. Proposal (Three pages maximum)

A. Plan

- Describe plan in detail addressing what, who, how and why.
- Describe your classroom experiences on which the materials will be based.
- Include an outline of materials to be developed, any initial work done on the project, a detailed description of one of the components, and its connection to other fields or to the world around us.
- Include a plan for evaluation of the materials.

B. Outcome

- Prepared materials may be in the form of books, visual displays, computer programs or displays, slide shows, videotapes, or other appropriate medium. Any published sources must be documented.
- Explain the project's impact on students' learning of mathematics content and its connection to other fields and the world around us.

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 grant maximum, indicate clearly what the grant funds will cover and what additional funding sources might be available to complete the total budget.
- Be specific and justify line items.
- Acquisition of equipment and conference attendance must support the proposed plan but not be the primary focus of the grant.

III. Background and Experience

- One-page maximum, outline format preferred
- One for each applicant.
- Formal education: institution, type of degree, major, minor, and date each degree was granted.
- Teaching experience related to this grant proposal. Indicate the school(s), teaching assignments, and other pertinent information, including continuing education and professional activities.

V. 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.

VI. Letter of Support from Teaching Colleague

- One-page maximum.
- Must be on official school stationery.
- Indicate strong support for the proposal and the applicant's ability to accomplish it.

FINAL REPORTING REQUIREMENTS:

- Awardees will be required to submit a brief report (two to three double-spaced pages) and an itemized report of expenses.