



MATHEMATICS EDUCATION TRUST
Improving Students' Understanding of
Geometry Grants

PURPOSE:

The purpose of this grant is to develop activities that will enable students to better appreciate and understand some aspect of geometry that is consistent with adopted standards.

SUPPORTED BY: John and Stacey Wahl Fund

GRADES: Pre-K-5, 6-8

GRANT AMOUNT: Maximum of \$4,000 each will be awarded

DEADLINE: November 1

ELIGIBLE APPLICANTS:

- Currently teaching at the grades Pre-K-8 level.
- No person(s) may receive more than one award administered by the Mathematics Education Trust in the same academic year.
- Past recipients of this grant are not eligible to reapply.

INDIVIDUAL AWARD OR ORGANIZATIONAL AWARD: Individual

MEMBERSHIP REQUIREMENT:

- The applicant must be a current Essential or Premium member of NCTM or teaches at a school with a current membership.

GENERAL PROPOSAL INFORMATION:

- The project should include applications of geometry to, for example, art, literature, music, architecture, nature, or some other relevant area and may integrate the use of technology into the teaching of geometry.
- The activities may use published materials. Any published sources must be documented.
- Any acquisition of equipment or payment of personal stipends must be critical to the grant proposal.
- Proposals must address the following: geometry content, the appropriateness of the application, the link between the Geometry Standard and the project's activities, and the anticipated impact on students' learning.

AWARD APPLICATION INFORMATION

PROPOSAL COMPONENTS:

I. Proposal (Two pages maximum)

A. Plan

- Describe plan in detail addressing geometry content, application to relevant areas and appropriateness of applications. Indicate any initial work on the project, and connect your project with the adopted standards.
- Include applications of geometry to, for example, art, literature, music, architecture, nature, or some other relevant area and may integrate the use of technology into the teaching of geometry. The activities may use published materials. Any published sources must be documented.

B. Outcome

- Explain anticipated impact on students' appreciation and achievement of Geometry concepts.
- Explain how you expect to assess the project's impact on students' appreciation and learning of Geometry.

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 or payment of personal stipends must be critical to the grant proposal.
- 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.
- Formal education: institution, type of degree, major, minor, and date each degree was granted.
- Teaching experience related to this proposal. Indicate the school(s), teaching assignments, and other pertinent information, including continuing education and professional activities.

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 share the results with colleagues by submitting a descriptive report, documenting the results of their project. The report should be at least two and not more than four double-spaced typewritten pages. The report must also contain an itemized report of expenses.