**MATHEMATICS EDUCATION TRUST**

**Enhancing Student Mathematics Learning through the Use of Tools**

**and Technology Grant (PK–12)**



**PURPOSE:**

The purpose of this grant is to encourage the innovative use of technology and other tools to help teachers and students visualize and concretize mathematics abstractions.

**SUPPORTED BY:** Isabelle P. Rucker Fund and NCTM

**GRADES:** PK–5, 6−8, 9−12

**GRANT AMOUNT:** Maximum of $3,000 each

**DEADLINE:** May 1

**ELIGIBLE APPLICANTS:**

* Persons currently teaching mathematics in grades PK–12 at least 50% of the day or be a full-time mathematics coach.
* 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:** Organizational

For the purposes of MET grants, an organization is defined to be a school, school district, university, or non-profit mathematics education organization. The primary applicant will need to indicate an organization to administer the finances of the grant when applying for the grant.

**MEMBERSHIP REQUIREMENT:**

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

**GENERAL PROPOSAL INFORMATION:**

* The focus of the proposal should be on the mathematics being taught and innovative uses of the tools and technology.
* Proposals must include a plan for evaluating materials and the anticipated impact on students' learning.
* Materials may include, but not be limited to, books, calculators, tablets, computers, or related equipment as well as professional development in the use of the designated tools and technology.
* Applicants are encouraged to seek matching funds from internal and external sources.
* Project activities are to be completed by August 31 of the next calendar year.

**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)**

1. Plan

* Describe your plan to teach mathematics with innovative uses of tools and technology, including professional development in the use of the designated tools and technology if needed.
* Describe how your plan will help teachers and students visualize and concretize mathematics abstractions.
* Describe your plan for evaluating materials.

B. Outcomes

* Explains anticipated impacton teachers’ learning.
* Explains anticipated impact on students' learning.

**II. Budget (Two pages maximum; table format)**

* No indirect costs are permitted.
* Include an itemized budget, presented in line-item table format.
* Be specific and justify 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.

**III. Background and Experience**

Provide a one-page maximum vita, outline format preferred, for the primary applicant that includes:

* + Formal education: institution, type of degree, major, minor, and date each degree was granted.
  + Professional experience related to this proposal. Indicate the school(s), teaching assignments, and other pertinent information, including continuing education and professional activities.
  + An overview of all other anticipated participants. Indicate the relevant professional experience, teaching assignments, and other pertinent information.

**IV. Letter of Support from Principal**

Include a one-page maximum letter that:

* + Is on official school letterhead and signed by the principal.
  + Confirms the employment status of the applicant(s).
  + Indicates strong support for the proposal and the school's ability to accomplish it.

**FINAL REPORT REQUIREMENTS:**

Awardees will be required to submit a brief report (two single-spaced pages) and an itemized report of expenses (with receipts). The award letter will indicate specific dates and requirements.

**AWARD AND PAYMENT SCHEDULE:**

* Award notification will be made by early July.
* Two-thirds of the approved budget, not to exceed $2,000, will be paid in early August. The remainder will be paid on receipt of a final report and verified expenses (with receipts) related to the proposal.