



MATHEMATICS EDUCATION TRUST
Enhancing Student Mathematics
Learning through the Use of Tools and
Technology Grants (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..." (*Principles to Actions*).

SUPPORTED BY: Isabelle P. Rucker Fund and NCTM

GRADES: PK–5, 6–8, 9–12

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

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: Individual

Note: The award must be reported to the Internal Revenue Service, and it is subject to federal income taxes. A Form 1099 will be sent to the grant recipient at the end of the calendar year.

MEMBERSHIP REQUIREMENT:

- The 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.

AWARD APPLICATION INFORMATION

- Project activities are to be completed between June 1 and May 31.

PROPOSAL COMPONENTS:

I. Proposal (Three pages maximum)

A. 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. Outcome

- Explain anticipated impact on students' learning.

II. Budget (Two pages maximum; table format)

- No indirect costs.
- 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

- One for each applicant.
- 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.
- Confirm efforts to seek matching funds.

FINAL REPORT REQUIREMENTS:

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

PAYMENT SCHEDULE:

- Two-thirds of the approved budget, not to exceed \$2,000, 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.