

Title IID (Enhancing Education through Technology)

Overview

As part of the *American Recovery and Reinvestment Act of 2009*, the President's administration has consistently highlighted in his economic recovery proposal the urgent need to create 21st Century technology-rich schools and classrooms for America's students to boost the U.S. economy in the short term and to prepare students for the global knowledge economy. The U.S. Congress heeded the President's call for education technology in our classrooms by providing \$650 million through the existing Enhancing Education Through Technology program (NCLB II-D; EETT) in the economic recovery package. A 21st Century Technology-Rich Classroom initiative would provide America's students, especially those unable to afford technology access in their homes, with the knowledge and skills they need to compete successfully in the 21st Century economy.

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The primary goal of the Ed Tech program is to improve student academic achievement through the use of technology in elementary and secondary schools. It is also designed to assist every student – regardless of race, ethnicity, income, geographical location, or disability – in becoming technologically literate by the end of the eighth grade, and to encourage the effective integration of technology resources and systems with professional and curriculum development which would promote research-based instructional methods that can be widely replicated.

Eligible Expenditures

EETT funds may support activities that are in alignment with Section 2416 of NCLB, Title II, Part D, Subpart 1:

- Providing professional development in the integration of advanced technologies, including emerging technologies, into curricula and instruction and in using those technologies to create new learning environments, such as professional development in the use of technology:
 - to access data and resources to develop curricula and instructional materials;
 - to enable teachers: (i) to use the Internet and other technology to communicate with parents, other teachers, principals, and administrators; and (ii) to retrieve Internet-based learning resources; and
 - to lead to improvements in classroom instruction in the core academic subjects, that effectively prepare students to meet challenging State academic content standards, including increasing student technology literacy, and student academic achievement standards.
- Establishing or expanding initiatives, particularly initiatives involving public-private partnerships, designed to increase access to technology for students and teachers, with special emphasis on the access of high-need schools to technology.
- Adapting or expanding existing and new applications of technology to enable teachers to increase student academic achievement, including technology literacy:
 - through the use of teaching practices that are based on a review of relevant research and are designed to prepare students to meet challenging State academic content and student academic achievement standards; and
 - by the development and utilization of innovative distance learning strategies to deliver specialized or rigorous academic courses and curricula to areas that would not otherwise have access to such courses and curricula.

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- Acquiring proven and effective courses and curricula that include integrated technology and are designed to help students meet challenging State academic content and student academic achievement standards.
- Utilizing technology to develop or expand efforts to connect schools and teachers with parents and students to promote meaningful parental involvement, to foster increased communication about curricula, assignments, and assessments between students, parents, and teachers, and to assist parents to understand the technology being applied in their child's education, so that parents are able to reinforce at home the instruction their child receives at school.
- Preparing one or more teachers in elementary schools and secondary schools as technology leaders who are provided with the means to serve as experts and train other teachers in the effective use of technology, and providing bonus payments to the technology leaders.
- Acquiring, adapting, expanding, implementing, repairing, and maintaining existing and new applications of technology, to support the school reform effort and to improve student academic achievement, including technology literacy.
- Acquiring connectivity linkages, resources, and services (including the acquisition of hardware and software and other electronically delivered learning materials) for use by teachers, students, academic counselors, and school library media personnel in the classroom, in academic and college counseling centers, or in school library media centers, in order to improve student academic achievement.
- Using technology to collect, manage, and analyze data to inform and enhance teaching and school improvement efforts.
- Implementing performance measurement systems to determine the effectiveness of education technology programs funded under this subpart, particularly in determining the extent to which activities funded under this subpart are effective in integrating technology into curricula and instruction, increasing the ability of teachers to teach, and enabling students to meet challenging State academic content and student academic achievement standards.
- Developing, enhancing, or implementing information technology courses.