

Learning Through Technology (Z029) Overview

Program Purpose: The Learning Through Technology program provides the tools and resources to assist Maine's teachers in integrating technology into their classrooms and curriculum. Programs include the laptop portable computer program, distance learning classrooms, federal Title II-D education technology grants to school administrative units, federal e-rate support, Maine School Library Network support, and support to the Department of Education and school administrative units.

Population Served:

Program Area	Enrollment
[Please see Program Summary pages]	--
Total	--

Financial Data: Aggregate financial data for the Learning Through Technology program is presented here. The program summary pages that follow describe the financial data for each of the individual programs within this Department program.

	FY 2009 Actual	FY 2010 Actual	FY 2011 Budgeted
General Fund *	\$13,933,788	\$25,543,014	\$14,487,190
Federal Expenditures Fund	1,392,794	1,255,569	1,265,318
Other Special Revenue Funds	1,012,800	7,530,496	15,671,815
Federal ARRA Funds	0	1,943,200	1,259,509
Total All Funds	\$16,339,382	\$36,272,279	\$32,683,832

*Funds are appropriated to the General Purpose Aid to Local Schools program annually and transferred to the Learning Through Technology program.

Leadership and Staff Support: Jeff Mao, Learning through Technology Policy Director, provides administrative leadership for the program. Staff support for the program includes:

Funding Source	Legislative Count -- Position
General Fund *	(1.0) Director of Special Projects (2.0) Education Specialist II (2.0) Education Specialist III (1.0) Planning & Research Associate I (1.0) Public Service Executive II
Total	(7.0)

* The funding and headcount for these positions are appropriated to the General Purpose Aid to Local Schools program.

Performance Data: The program summary pages that follow describe the performance data that is available for each of the individual programs within the Learning Through Technology program.

**Program: Maine Learning Technology Initiative (MLTI)
Learning Through Technology (Z029)**

Program Purpose: The Maine Learning Technology Initiative (MLTI) is a one-to-one middle and high school laptop program that provides all 7th through 12th grade teachers, all 7th and 8th grade students, and 9th through 12th grade students at 55% of Maine public high schools with laptop computers and software for their use during and outside of the school day. MLTI also provides technical assistance and professional development opportunities for educators statewide to support the implementation of the laptop initiative and insure its integration with curriculum and instruction.

Population Served:

Program Area	Enrollment
1:1 laptops	100% grades 7-8 students, ~30,000
1:1 laptops	55% HS school students, ~ 24,000
1:1 laptops	100% 7-12 faculty, ~11,000
Professional Development	Available to all faculty, ~11,000
Total	--

Financial Data: General Fund appropriations provide funding for ongoing obligations against the existing leases for the 1:1 computer equipment, ongoing maintenance and support of the wireless network infrastructure, and technical support, professional development and overall program support as provided by the MLTI/Apple contract and by the Department of Education MLTI Project Team.

Other Special Revenue Funds represent monies received from local school administrative units participating in the MLTI High School Expansion program.

	FY 2009 Actual	FY 2010 Actual	FY 2011 Budgeted
General Fund *	\$13,322,114	\$24,876,888	\$13,821,064
Other Special Revenue	762,550	7,480,496	15,671,815
Total All Funds	\$14,084,664	\$32,357,383	\$29,492,879

*Funds are appropriated to the General Purpose Aid to Local Schools program annually and transferred to the Learning Through Technology program.

Leadership and Staff Support: Jeff Mao, Learning through Technology Policy Director, provides administrative leadership for the program. Staff support for the program includes:

Funding Source	Legislative Count -- Position
General Fund *	(0.5) Director of Special Projects (1.0) Education Specialist II (1.0) Planning & Research Associate I (0.5) Public Service Executive II
Total	(3.0)

* The funding and headcount for these positions is appropriated to the General Purpose Aid to Local Schools program.

Performance Data: Maine DOE notes that performance-related data for this program can be found at: <http://usm.maine.edu/cepare/mlti.htm>.

Program: Enhancing Education through Technology
Department Team: Learning Through Technology (Z029)

Program Purpose: The purposes of the NCLB Title II-D Education through Technology Competitive Grants Program are to:

1. Assist the States and localities in implementing and supporting a comprehensive system that effectively uses technology in elementary schools and secondary schools to improve student academic achievement.
2. Encourage the establishment or expansion of initiatives, including initiatives involving public-private partnerships, designed to increase access to technology, particularly in schools served by “high-need local educational agencies.”
3. Assist the States and localities in the acquisition, development, interconnection, implementation, improvement, and maintenance of an effective educational technology infrastructure in a manner that expands access to technology for students (particularly for disadvantaged students) and teachers.
4. Support initiatives that enable school personnel and administrators to integrate technology effectively into curriculum and instruction that are aligned with State standards, through such means as high-quality professional development programs.
5. Enhance ongoing professional development for teachers, principals, and administrators by providing constant access to training and updated research in teaching and learning through electronic means.
6. Support the development and use of electronic networks and other innovative methods, such as distance learning, to provide specialized or rigorous academic courses and curricula to students who would not otherwise have access to such information, particularly to those in geographically isolated regions.
7. Support local efforts to use technology to promote parent and family involvement in education and enhance communication among students, parents, teachers, principals, and administrators.
8. Support the rigorous evaluation of programs funded under the Education Technology Act, particularly regarding the impact of these programs on student academic achievement, and ensure that the are widely accessible through electronic means.

Population Served:

Program Area	Enrollment
Formula grants	168
Competitive grants	9
Competitive grants (ARRA)	13
Total	190

Financial Data: Federal funding for this program is authorized under Title II-D of the Elementary and Secondary Education Act of 1965, as amended and the American Recovery and Reinvestment Act of 2009.

	FY 2009 Actual	FY 2010 Actual	FY 2011 Budgeted
Federal Expenditures Fund	\$1,328,168	\$1,226,909	\$1,262,705
Federal ARRA Funds	0	1,943,200	1,259,509
Total All Funds	\$1,328,168	\$3,170,109	\$2,522,214

Leadership and Staff Support: Dennis Kunces, Title II-D Formula Grant Manager, provides administrative leadership for the program.

Performance Data:

No performance data is reported for this program by the Maine DOE. The Maine DOE provides information to the Legislature upon request.

Program: Distance Learning
Program: Learning Through Technology (Z029)

Program Purpose: The purpose of the Distance Learning Network is to provide Maine students the opportunity to reach the high standards of Maine’s *Learning Results* through the use of a fully interactive video classroom network that links high school classrooms and other sites across the State. This program is fully interoperable with the H323 video standard providing access and resources to high schools across the State as well as outside of the State of Maine. Increased access to programming is critical to insure all students have equal opportunity to access content regardless of location.

Population Served:

Program Area	Enrollment
Broadband Network and Distance Learning Services	All schools; students K12, ~187,000

Financial Data:

	FY 2009 Actual	FY 2010 Actual	FY 2011 Budgeted
General Fund *	\$611,674	\$666,126	\$666,126
Total All Funds	\$611,674	\$666,126	\$666,126

*Funds are appropriated to the General Purpose Aid to Local Schools program annually and transferred to the Learning Through Technology program.

Leadership and Staff Support: Jeff Mao, Learning through Technology Policy Director, provides administrative leadership for the program. Staff support for the program includes:

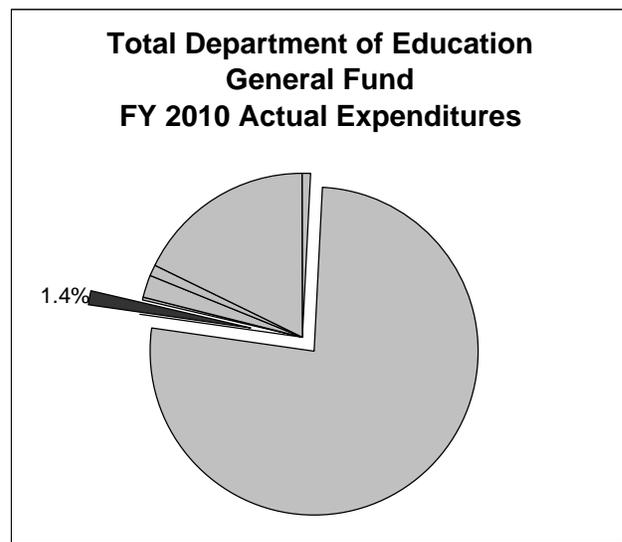
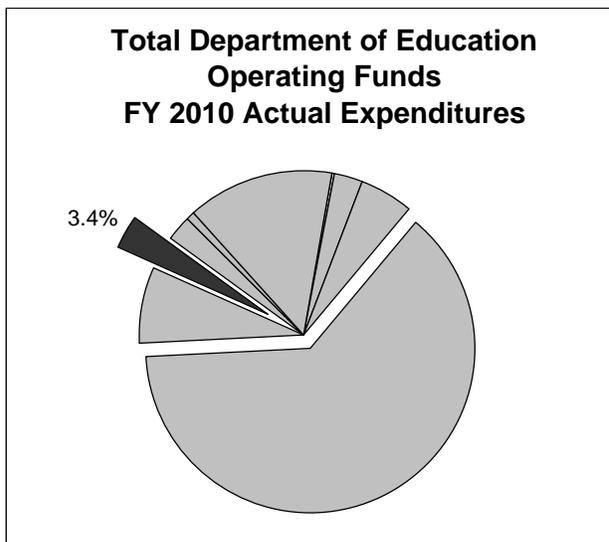
Funding Source	Legislative Count -- Position
General Fund *	(1.0) Education Specialist II
Total	(1.0)

* The funding and headcount for this position are appropriated to the General Purpose Aid to Local Schools program.

Performance Data: Performance data related to the Distance Learning program includes the following reports:

- Distance Learning in Maine High Schools, 2002-2004.
- Great Maine Schools Project/Mitchell Institute Report; July 2004.
- A Review and Assessment of Distance Learning Opportunities for Maine High School Students”; January 2008.

Learning Through Technology



	<u>FY 2009 Actual Expenditures</u>	<u>FY 2010 Actual Expenditures</u>	<u>FY 2011 Budgeted Expenditures</u>
General Fund			
Distance Learning	\$611,674	\$666,126	\$666,126
Maine Learning Technology Initiative	\$13,322,114	\$24,876,888	\$13,821,064
Federal Expenditures Fund			
Enhancing Education Through Technology	\$1,328,168	\$1,226,909	\$1,262,705
Other	\$64,626	\$28,660	\$2,613
Other Special Revenue			
Maine Learning Technology Initiative	\$762,550	\$7,480,496	\$15,671,815
Other	\$250,250	\$50,000	\$0
Federal ARRA Funds			
Enhancing Education Through Technology	\$0	\$1,943,200	\$1,259,509
Summary			
Total General Fund	\$13,933,788	\$25,543,014	\$14,487,190
Total Federal Expenditures Fund	\$1,392,794	\$1,255,569	\$1,265,318
Total Other Special Revenue	\$1,012,800	\$7,530,496	\$15,671,815
Total Federal ARRA Funds	\$0	\$1,943,200	\$1,259,509
Total All Funds	\$16,339,382	\$36,272,279	\$32,683,832

	Fund	Appropriation Account	Unit
LEARNING THROUGH TECHNOLOGY (Z029)			
> Dept. of Education Programs that map directly to the budget			
Learning Through Technology	10	Z029-01	1019-1022, 1032
Enhancing Education through Technology (NCLB Title II-D)	13/20	Z029-01	1019,1086, 3001,3003, Z029
Distance Learning	10	Z029-01	1023
Maine Learning Technology Initiative – Grades 7 & 8	14	Z029-03	4009
Maine Learning Technology Initiative – Grades K-6 / 9 Expansion	14	Z029-04	4010
> Dept. of Education Programs included in Governmental Evaluation Act Program Evaluation Report that do not map directly to the budget			
Innovative Education (NCLB Title V-A)			
School Library Media/Technology Services			