

2010-2011 Title II-D

Enhancing Education Through Technology (EETT)

Guidance, Tips, and Monitoring

www.azed.gov/technology



Goals of EETT

- ▶ Improve student academic achievement through the use of technology
- ▶ Student technology literacy
 - Technology literate by the end of 8th grade
- ▶ Effective integration of technology resources and systems
 - Professional development
 - Curriculum development

FY2011 Allocations

The FY 2011 allocation information for both grants, EETT and ARRA EETT, can be found on the Academic Achievement Division website at www.azed.gov/asd listed under the **Operations** heading.

- ▶ <https://www.azed.gov/asd/operations/2011NCLBAllocations.xls>

EETT Program Timeline

August 2010

- Webinar (17th)
- Application opens 8/18
- Completion reports FY10
- Begin collecting required data elements

September 2010

- Webinar (2nd) [repeat]
- Completion Reports FY10

October 2010

- Update Technology Literacy Goal in ALEAT (Continuous Improvement Plan)
- Computer data information collected by 10/01

November 2010

- New Tech Plans due in ALEAT 11/01
- Ed Tech Survey opens

December 2010

- Applications close 12/03
- Integrated technology status collected by 12/31
- Teacher, Library/Media Specialist & Administrator Technology Proficiency collected by 12/31

January - April 2011

- Amendments close 4/01
- Ed tech survey closes 4/01
- Student Technology Literacy data collected prior to 4/01

Technology Plan



- ▶ Approved technology plan
 - Current
 - FY2011
- ▶ New tech plans
 - Plans that expire on or before June 30, 2011
 - Submitted through ALEAT (Common Logon)
 - **Due November 1, 2010**
 - Webinars
 - Aug. 31, Sep. 14, Oct. 20, 2010
 - Technical assistance
 - Hands-on: Sep. 28 and Oct. 26, 2010
 - Tech Plan Toolkit www.azed.gov/technology/lea_tech_plans.asp

Private Schools

- ▶ Timely and meaningful consultation
 - Integration of technology by teachers
 - Level of student technology literacy
- ▶ Provide appropriate services

EdFact Elements

EdFacts reporting elements include:

- ▶ School level computers – Internet access
- ▶ 8th grade technology literacy
- ▶ Technology literacy for instructional personnel
- ▶ LEA fully integrated technology status

Data reported in Ed Tech Survey – available through
Common Logon

Ed Tech Survey

- ▶ Method for LEAs to report on current educational technology initiatives and required Title II-D (EETT) data elements.
- ▶ ADE's Common Logon
- ▶ Available November 1, 2010 – April 1, 2011

School Level Computer Data

- Quantity of computers connected or not-connected to the Internet
- Data is collected and reported per school
- Collected by October 1st
- Reported in Ed Tech Survey
- Spreadsheet available on webpage

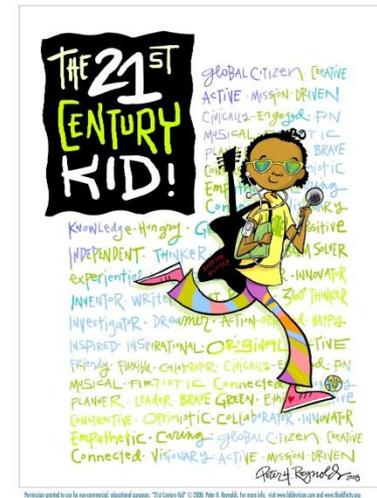
	Broadband	Dial-Up	Not-Connected
PCs under 4 years			
PCs over 4 years			
MACs under 4 years			
MACS over years			

8th Grade Technology Literacy

Arizona defines student **Technology Literacy** as the ability to responsibly use appropriate technology to **communicate, solve problems, create products** and **access, manage, integrate, evaluate, and create information** to improve learning in all subjects, to **use information** to improve learning in all subject areas and to **acquire lifelong knowledge and skills** for the 21st century.

Arizona recently (2009) adopted a new Technology Standard that forms the foundation for technology literate students.

https://www.ade.az.gov/standards/technology/Articulated_Grade_Level/



8th Grade Technology Literacy

- ▶ Report the number of 8th grade students who are technology literate by **April 1, 2011** (Ed Tech Survey)
- ▶ LEAs receiving **over** \$10,000
 - 3% set-aside of Title II-D funds
 - 21st Century Skills Assessment – www.Learning.com
- ▶ LEAs receiving **less than** \$10,000
 - 21st Century Skills Assessment – www.Learning.com
 - Aligned to the 2009 Arizona Technology Standard
 - Technology literacy assessment
 - Students pass a tech literacy course
 - Rubrics, direct observation, or other defined methods

Tech Literacy for Instructional Personnel

- ▶ **ISTE** (International Society for Technology in Education)
- ▶ **NETS** (National Educational Technology Standards) **for...**
<http://www.iste.org/AM/Template.cfm?Section=NETS>
 - Teachers
 - Library/Media Specialists
 - Administrators
- ▶ LEAs receiving **over** \$25,000 - required to report
- ▶ LEAs receiving **less than** \$25,000 - encouraged to report
- ▶ Information must be collected by December 31, 2010 and reported by April 1, 2011 (Ed Tech Survey)

Tech Literacy for Instructional Personnel

- ▶ Assessment aligned to ISTE - NETS
- ▶ Self-assessment
 - Check-list
 - Set of technology literacy questions
 - Rubric
- ▶ Completion of technology course(s)
- ▶ Technology certifications or degrees

LEA Fully Integrated Technology

Curriculum integration infuses the appropriate technology standard and performance objectives to support student learning across all curricular areas.

Arizona Technology Integration Matrix

http://www.azed.gov/technology_integration.asp.

- Developing
 - Approaching
 - Fully Integrated
-
- Information collected by December 31, 2010 and reported by April 1, 2011 (Ed Tech Survey)

Professional Development

- ▶ At least 25% of allocations
- ▶ High-quality, sustained, and continuous
- ▶ Research-based
- ▶ National Staff Development Council's PD Standards

<http://nsdc.org>

Eligible Uses for PD

Use of technology to:

- ▶ Access data and resources to develop **curricula** and **instructional** materials
- ▶ Enable **teachers** to
 - Use the Internet to communicate with others
 - Retrieve Internet-based learning resources
- ▶ Improve **classroom instruction** in the core academic subjects and technology literacy

Examples of Eligible PD

- ▶ Stipend/salary for district educational technology trainers
- ▶ Ed Tech Conferences
- ▶ Costs associated with substitute teachers
- ▶ Tuition/Fees for educational technology course work
- ▶ Stipends and costs to implement:
 - Intel Teach Essentials
 - Intel Teach Thinking with Technology
 - Intel Teach Elements Project Based Approaches
 - Intel Teach Elements Assessment
 - Peer Coaching

Statewide Instructional Technology

Statewide Instructional Technology (SIT) Project

FREE Professional Development:

- Provides Technology Integration Specialists (TIS)
 - 1-on-1, small group, whole staff
 - Intel Teach
 - IDEAL
 - Thinkfinity
 - Internet safety and cyber bullying
 - Technology integration into the curriculum
 - 21st Century technology literacy skills

EETT and ARRA EETT funds can provide stipends for teachers who attend trainings with their county TIS

PD Elements in Application

Actual Example from a grant application:

- ▶ Stipends for 5 teachers (\$1000 per teacher upon successful completion of program) for the **Intel Master Teacher** Program (Intel Essentials or Thinking with Technology courses) = \$5,000
- ▶ see IDEAL or Intel Teach for description of courses.
- ▶ 52 total hours of professional development.
 - These training will be comprised of 32 hours of face-to-face trainings over the courses of two months (June-July 2010). There will also be an associated requirement of 20 hours of online coursework.
- ▶ Course evaluated by course rubric and final project.
- ▶ Participants will train additional teachers after completion of course.

Narrative Responses in Application

- ▶ Which NCLB goals (in addition to technology literacy) are your funds supporting?
 - 1a – Reading Achievement
 - 1b – Math Achievement
 - 2 – Highly Qualified Teachers
 - 3 – English Language Learners
 - 4 – Safe and Drug-Free Schools – Conducive Learning Environment
 - 5 – High School Graduation
 - 6 – Parental Involvement

Narrative Responses in Application

- ▶ How will the resources or activities, funded by Title II-D, **impact** the LEA's strategies & action steps for student achievement and/or technology literacy?
 - Teachers integrate the use of technology as a teaching tool
 - Teachers create and keep a library of IWB lesson plans
 - Teachers collaborate with coaches

Narrative Responses in Application

- ▶ How will the LEA evaluate the impact of Title II-D funded activities on **teacher instructional practice or student achievement**?
 - Pre- and post assessments
 - Use of matrix
 - Use of rubrics
 - Student formative assessment data
 - AIMS data

Narrative Responses in Application

- ▶ How will the LEA **sustain** the impact of the Title II-D funded activities on teacher instructional practice and/or student achievement?
 - Train-the-trainer
 - Teacher leaders/Peer Coaching
 - Library of lesson plans

Monitoring

- ▶ Professional Development
 - Time & Effort Logs
 - Attendance Rosters
- ▶ EdFacts Elements – Ed Tech Survey
- ▶ ARRA Reporting

EETT & EETT ARRA Applications



August 18, 2010



December 3, 2010