

2009 USDOE Educational Technology Data Requirements

Presentation to District Technology Directors and Coordinators

Bruce Umpstead

*State Director, Educational Technology
and Data Coordination*
Michigan Department of Education

Ron Faulds

*Consultant, Educational Technology
and Data Coordination*
Michigan Department of Education



May 28, 2009



AT&T Web Meeting Norms

- Use internet application for presentation only
- Use teleconference for communication
 - Everyone mute lines when not asking a question
 - Do not put us on hold
- Presentation materials on TechPlan.org
- Audio of today's conversation is recorded
- No philosophical questions
 - Example: Can you really assess teacher skills with a paper and pencil test?
 - We'll be here all day!



MDE / CEPI Staff on Call

- Bruce Umpstead, MDE
- Ron Faulds, MDE
- Tom Howell, CEPI
- Lynn Erickson, CEPI



Memo 063-09



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF EDUCATION
LANSING

May 19, 2009

MICHIGAN
Department of
Education
MICHAEL P. FLANAGAN
SUPERINTENDENT OF
PUBLIC INSTRUCTION

MEMORANDUM

TO: Local Educational Agency Superintendents, Intermediate School Superintendents, and Public School Academy Directors

FROM: Carol L. Wolenberg, Deputy Superintendent *cl*

SUBJECT: U. S. Department of Education Data Requirements for Educational Technology Related to the American Recovery and Reinvestment Act 2009, Title II, Part D

For several years, the U.S. Department of Education (USED) has requested that the Michigan Department of Education (MDE) collect four data elements on educational technology in the classroom:

- Integrated Technology Status
- Instructional Computers
- Personnel Skilled in Technology
- 8th Grade Technology Literacy

To date, MDE has collected only the 8th Grade Technology Literacy figures from the state's Local School Districts and Public School Academies. This memo is to inform you that the other elements are now being required by USD OE. Your district will be required to report them by June 30, 2009.



Integrated Technology Status

Integrated Technology Status

This element relates to the integration of technology into curricula and instruction. Because Michigan requires that LEAs explain their technology integration efforts in the technology plans submitted to MDE for approval, for USED reporting purposes, a state-approved local district technology plan equates to "yes, fully integrated." If your district had a state-approved technology plan on file with MDE as of June 30, 2008 (last year), your district will be reported as "yes, fully integrated," and no additional data reporting is needed. To find the list of districts that had approved technology plans as of June 30, 2008, please visit www.TechPlan.org.

- MDE will provide data to CEPI to report
 - Approved tech plan as of 6/30/08 = YES
 - No approved tech plan = No



Instructional Computers

Instructional Computers

This element collects (1) the number of instructional computers in the school building and (2) the Internet connectivity of each instructional computer. This requires three fields to be added to the School Infrastructure Database (SID), maintained by the Center for Educational Performance and Information (CEPI), which has a June 30, 2009, submission date.

- (45) Instructional Computers with High Speed Internet Access. Indicate the number of instructional computers with high speed connectivity speeds greater than 56K Internet access that are available to students located within the school/facility.
- (46) Instructional Computers with Dial-Up Internet Access. Indicate the number of instructional computers with dial-up connectivity speeds of 56K Internet access that are available to students located within the school/facility.
- (47) Instructional Computers without Internet Access. Indicate the number of instructional computers without Internet access that are available to students located within the school/facility.

Instructional computers are defined as those "located within the school/facility, e.g., in classrooms, media centers, and moved from one classroom to another on media carts...that are available to students. Computers include desktops and laptops that are available to students for instructional purposes. Do not include handheld devices such as personal digital assistants or peripherals such as printers."



Personnel Skilled In Technology

- 0 (zero) is better than “we’re not collecting

Personnel Skilled in Technology

This element seeks the number of instructional personnel assessed and deemed skilled in the use of technology within the LEA. Michigan does not require or provide a technology skill assessment for instructional staff, but the USED is requiring us to report the data we can collect from districts.

An online entry form has been added to the Registry of Educational Professionals (REP):

- (1) Of the number of instructional staff members reported in the REP on December 1, 2008, how many were assessed to determine their skill level in the use of technology?
- (2) Of those assessed, how many instructional staff members were deemed to be skilled in the use of technology?

The REP submission to facilitate the reporting of the data is June 30, 2009.

Assessment of technology skills can take multiple forms, including observation (e.g., if instructional personnel have been observed demonstrating technology skills, that observation could be considered an assessment).



Personnel Skilled In Technology

Questions:

- Two weeks left in school year! (this is a rant, not a question)
- Does the ISD report on the status of the personnel who are working in the LEAs, or does the LEA assess and report accordingly?
- My teachers can turn their computers on
 - Does that count? (obnoxious, but you tell me)



Personnel Skilled In Technology

Questions:

- Definition of “skilled”? (you tell me)
 - It’s only an icon on the desktop! (rant)
- If instructional personnel have been **observed** demonstrating tech skills, that observation could be considered an **assessment**? **YES**
- What can we leverage from TTI?
(everything, anything)
- Same with REMC / RITS



Personnel Skilled In Technology

Questions:

- Should we take this opportunity to include items that relate to the national tech standards for teachers which speak to instructional skills?
(Sure)
- No wrong answers? No wrong answers!
(only wrong questions ;-)



Personnel Skilled In Technology

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- Resources - 7th Standard, Professional Standards for Michigan Teachers (May 2008)

7. TECHNOLOGY OPERATIONS AND CONCEPTS

Use of technological tools, operations and concepts to enhance learning, personal/professional productivity, and communication, including the ability to:

Standard	Developing	Emerging	Applying	Integrating	Innovating
a. Understand the equity, ethical, legal, social, physical, and psychological issues surrounding the use of technology in K-12 schools and apply those principles in practice;	Identifies equity, ethical, legal, social, physical, and psychological issues, including internet safety, surrounding the use of technology in K-12 schools.	With supervising teacher/mentor support, models legal and ethical practices for students. Demonstrates awareness of equity, ethical, legal, social, physical, and psychological issues, including internet safety, relative to teaching in a classroom environment.	Plans activities and assignments that consistently address the equity, ethical, legal, social, physical, and psychological issues, including internet safety, surrounding the use of technology.	Creates opportunities in instruction to regularly educate students concerning their equitable, ethical, legal, social, physical, and psychological uses of technology.	Creates an environment where students are engaged beyond the classroom in discussions of equity, ethical, legal, social, physical, and psychological issues involving the use of technology.
b. Successfully	Familiar with	With supervising	Participates in	Initiates and	Uses reflective



(Thank you to State Board of Education)



Personnel Skilled In Technology

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- Resources
 - ISTE's ICOT: There is an online Adobe Air assessment tool that administrators can use to check a teacher's ability to do technology enhanced instructions
 - <http://icot.iste.org>

(Thanks to Sherry McVay, DeWitt)



Personnel Skilled In Technology

- Resources (cont)
 - Thinkfinity: For tech integration and training online
 - <http://www.thinkfinity.org/home.aspx>
 - <http://www.michigan.gov/hal/0,1607,7-160--210989--,00.html>
- (Thanks to Fran Boehnlein, Ludington)



Personnel Skilled In Technology

- Resources (cont)
 - Thinkfinity (cont)
 - <http://www.intel.com/education/teach/portfolio/index.htm?iid=teach+portfolio>
 - <http://www.thinkfinity.org/ProfessionalDevHome.aspx>
 - Contact is
 - Jill M. Shively, Program Coord., National Training Academy
Intel Teach Program, (630) 649-6534

(Thanks to Leigh Howell, Menominee)



Personnel Skilled In Technology

- Resources (cont)
 - Survey in Schoolworld (or you could create your own in SurveyMonkey or Zoomerang)
 - <http://www.wlcsd.org/forms.cfm?myForm=8625>
(Thanks to Pam Shoemaker, Walled Lake)
- Free admin technology skill self-assessment
 - http://www.doe.mass.edu/edtech/standards/ts_at_sampadmin.html
 - Thanks to Phil Carolan, Lenaway ISD



8th Grade Tech Literacy

- Same as last year

8th Grade Technology Literacy

MDE will continue to use the Michigan Electronic Grants System (MEGS) to collect LEA certification related to 8th Grade Technology Literacy. For a State definition of 8th Grade Technology Literacy, please visit www.TechPlan.org and refer to the 6-8th grade Michigan Educational Technology Standards.

In MEGS, we ask that you certify the number of students you have assessed in the FY 2008-2009 school year and the number (not the percentage) of students you have deemed to be technologically literate. A field was added last year to indicate how the technology literacy was determined and it will be required again this year (i.e., teacher observation, portfolio, District/ISD developed multiple choice exam, etc.)



Conclusion

- 0 (zero) is better than we're not reporting
- Collections open June 1, 2009
- Data due to state June 30, 2009
- Do your best
- Thank you!

Conclusion

We realize the added work these collections take, but the President and the United States Congress have provided \$919,000,000 in funding for educational technology over the next two years. In Michigan, we insure that every district benefits from these funds flowing into our state through our formula grant process, which amounts to 2.7 times the regular annual allocation. To keep these funds flowing, we need your best effort to provide the four data elements required under ARRA.



\$919,000,000



More Questions?

Bruce Umpstead
umpsteadb@michigan.gov

Ron Faulds
fauldsr@michigan.gov

