

EXECUTIVE SUMMARY

Title: Approval of Grants

Type of Executive Summary:

- Action
- Action on First Reading
- Discussion
- Information

Policy Implications:

- Constitution _____
- General Statute # _____
- SBE Policy # _____
- SBE Policy Amendment
- SBE Policy (New)
- APA # _____
- APA Amendment
- APA (New)
- Other Grants

Presenter(s): Mr. Philip Price (Associate Superintendent, Financial and Business Services), Mr. Robert Logan, Associate Superintendent, Innovation and School), and Mrs. Wynn Smith (Interim Lead, Instructional Technology)

Description:

The grants listed below are being submitted for approval of distribution of funds to selected school systems. Please see attachments for description of grants.

- Attachment 1 – NCLB Enhancing Education through Technology – IMPACT I Awards
- Attachment 2 – NCLB Enhancing Education through Technology – IMPACT III Awards

Resources:

See attachments

Input Process:

See attachments

Stakeholders:

See attachments

Timeline For Action:

Action on First Reading is being recommended in order to allow funding to be distributed to selected school systems in a timely manner.

Recommendations:

It is recommended that the Board approve these grants.

Audiovisual equipment requested for the presentation:

Data Projector/Video (Videotape/DVD and/or Computer Data, Internet, Presentations-PowerPoint preferred)
Specify: _____

Audio Requirements (computer or other, except for PA system which is provided)
Specify: _____

Document Camera (for transparencies or paper documents – white paper preferred)

Motion By: _____

Seconded By: _____

Vote: Yes _____ No _____ Abstain _____
Approved _____ Disapproved _____ Postponed _____ Revised _____

*Person responsible for SBE agenda materials and SBE policy updates: Susan R. McKinney, 807-3293.

SUMMARY OF GRANT

Title: NCLB Enhancing Education through Technology – IMPACT I Awards

Policy Implications:

- Constitution _____
- General Statute # _____
- SBE Policy # _____
- SBE Policy Amendment
- SBE Policy (New)
- APA # _____
- APA Amendment
- APA (New)
- Other No Child Left Behind Act of 2001, Title IID, Enhancing Education through Technology

Presenter(s): Mr. Robert Logan (Associate Superintendent, Innovation and School Transformation) and Mrs. Wynn M. Smith (Interim Lead, Instructional Technology)

Description:

This is a federal grant known as the Enhancing Education through Technology (EETT) grant, part of No Child Left Behind. This grant, part of the competitive portion of the EETT grant, will fund the continuation of the IMPACT model (based on the North Carolina Educational Technology Plan and IMPACT: Guidelines for Media and Technology Programs in North Carolina) within four schools in the State. A rigorous process that consisted of outside reviewers reviewing all applications, schools addressing all requirements effectively, and approval of the Executive Council determined the grant winners. Of the four schools that applied for the grant, all four will receive funding that totals approximately \$871,331.00.

Resources:

N/A

Input Process:

These grants were developed using the United States Department of Education (USED) model in consultation with USED NCLB staff. Once the grant parameters were completed, the draft was sent to several LEA technology personnel for reaction. Modifications and clarifications were made based on these individuals' comments and suggestions.

Stakeholders:

USED and the four schools that have received the award, as well as all schools in NC that can learn from this model and its evaluation.

Recommendations:

Staff recommends that the Board approve these grants.

Motion By: _____ Seconded By: _____
 Vote: Yes _____ No _____ Abstain _____
 Approved _____ Disapproved _____ Postponed _____ Revised _____

*Person responsible for SBE agenda materials and SBE policy updates: Susan R. McKinney 807-3293

2008 IMPACT I Model School Upgrade Grant
 North Carolina's Enhancing Education through Technology Competitive Grant Award

The IMPACT I Model School Upgrade Grants are awarded to four schools in North Carolina to continue to enhance student instruction and produce technologically literate students and have a significant impact on the academic achievement of the school's student population.

These grants, based on ADM, range from \$163,700.00 to \$250,000.00 and will fund the upgrade of hardware and resources in these schools.

Schools Recommended for Funding

Schools	Instructional Technology Region	Education District	Amount
Perquimans Central, Perquimans County Schools	NE	First District	\$163,700.00
Wells Elementary, Wilson County Schools	SE	Third District	\$250,000.00
Williford Elementary, Nash-Rocky Mount Schools	NC	Third District	\$209,999.00
Westwood Elementary, Ashe County Schools	NW	Seventh District	\$247,632.00

Grant Goals

- Help teachers integrate technology into their teaching practice by providing the resources necessary to implement an outstanding media and technology program as determined in the Evaluation Rubrics within *IMPACT: Guidelines for Media and Technology Programs*.
<http://www.ncwiseowl.org/Impact/Research&eval.htm#evalrubrics>
- Provide the necessary resources to produce technologically literate students by the eighth grade and have a significant impact on academic achievement of the school's student population.
- Support and enhance the North Carolina State Board of Education's strategic priorities of Globally Competitive Students, 21st Century Professionals, Healthy Responsible Students, Leadership for Innovation, and 21st Century Systems.

Grant Development

- The grant was developed to align with the 2007 North Carolina Educational Technology Plan and *IMPACT: Guidelines for Media and Technology Programs*.

- The grant will continue to study the implementation of the IMPACT Model in order to comply with the U.S. Department of Education’s requirement to document impact on student achievement.
- The grant was approved by and met all criteria issued by the U.S. Department of Education.

Grant Announcement

- All eligible schools were notified personally by regional instructional technology consultants of their eligibility.
- Original eligibility* was based on federal guidelines of (A) is among the local education agencies in a State with the highest numbers or percentages of children from families with incomes below the poverty line; and (B)(i) operates one or more schools identified under section 1116; or (ii) has a substantial need for assistance in acquiring and using technology; or (C) receives an EETT formula grant amount that is not of sufficient size to be effective or consistent with the purposes of NCLB EETT. Only IMPACT I schools, that have sustained the full-time employment of a full-time Media Coordinator and a full-time Technology Facilitator, were eligible to apply.
- The ten schools that were IMPACT I Model Schools are listed below. The schools that did not apply, with the exception of Spring Lake Middle School, no longer have a full-time Technology Facilitator on staff.

IMPACT I Model Schools	Education District
Clearmont Elementary School, Yancey County	Eighth District
Crossnore Elementary School, Avery County	Seventh District
EJ Hayes Elementary School, Martin County	First District
Perquimans Central, Perquimans County Schools	First District
Spring Lake Middle School, Cumberland County	Fourth District
Wadesboro Elementary School, Anson County	Sixth District
Wells Elementary, Wilson County Schools	Third District
West Edgecombe Middle School, Edgecombe County	Third District
Williford Elementary, Nash-Rocky Mount Schools	Third District
Westwood Elementary, Ashe County Schools	Seventh District

- The grant was posted on the Division of Instructional Technology’s Web site, <http://www.ncwiseowl.org/Impact/grants/> with the following statement, “Recipients of original IMPACT grant who continued full-time employment of Media Coordinator and Technology Facilitator are eligible.”

Grant Submission

- All grants were submitted no later than 5 P.M. December 21, 2007.
- Four schools submitted grants on deadline.
 - Perquimans Central
 - Wells Elementary
 - Westwood Elementary
 - Williford Elementary

Initial Grant Review

- All grants were reviewed for completeness.
- All required components were verified.

Outside Grant Review

- Each grant was reviewed by three different reviewers.
- Reviewers submitted all evaluations with comments and concerns noted.

Final Grant Review

- All grant award nominees are submitted to the State Board of Education for approval and announcement on March 6, 2008.

Grant Summaries

Perquimans Central, Perquimans County Schools

Due to extensive use by Perquimans Central School over the past 5 years, some of the equipment purchased with the initial IMPACT Model Schools Grant needs updating and/or repairing. Perquimans Central will use its IMPACT I Upgrade allocation to replace computers, digital cameras, electronic white boards, and document cameras. The school will expand the use of handheld computers for reading assessment and purchase digital media players for use by students in iPods.

Westwood Elementary, Ashe County Schools

Due to tremendous growth of the school and a reduced budget for technology and related professional development, Westwood Elementary School will use its IMPACT I Upgrade allocation to upgrade and expand equipment. The school has implemented an IMPACT Academy where new teachers are introduced to the IMPACT Model through sessions on collaboration, research skills, and use of technology. Additionally, to ensure that teachers are prepared to use technology effectively in their classrooms, they are required to participate in tiered professional development sessions each Wednesday.

Wells Elementary, Wilson County Schools

To decrease the frustration of technology-literate teachers, Wells Elementary School has decided to update its older, unreliable technology. The school will replace teacher laptops, student response systems, and video projectors. Additional video projectors, digital video and still cameras and production software are being purchased to support learning through projects and field-trips, as well as to enhance the learning of literacy skills. Additional software expenditures include video production, testing, instructional and classroom management applications. A web server will be purchased for hosting these products and student-created projects.

Williford Elementary, Nash-Rocky Mount Schools

Williford Elementary School will use the funds from its IMPACT I Upgrade allocation to update laptops and purchase additional electronic white boards, student-response systems, video projectors, educational software licenses, and supplies for existing equipment. The school will also continue subscriptions to successful on-line learning programs and provide supplementary instruction during lunch with a plasma television mounted in the cafeteria.

SUMMARY OF GRANT

Title: NCLB Enhancing Education through Technology – IMPACT III Awards

Policy Implications:

- Constitution _____
- General Statute # _____
- SBE Policy # _____
- SBE Policy Amendment
- SBE Policy (New)
- APA # _____
- APA Amendment
- APA (New)
- Other No Child Left Behind Act of 2001, Title IID, Enhancing Education through Technology

Presenter(s): Mr. Robert Logan (Associate Superintendent, Innovation and School Transformation) and Mrs. Wynn M. Smith (Interim Lead, Instructional Technology)

Description:

This is a federal grant known as the Enhancing Education through Technology (EETT) grant, part of No Child Left Behind. This grant, part of the competitive portion of the EETT grant, will fund the continuation of the IMPACT model (based on the North Carolina Educational Technology Plan and IMPACT: Guidelines for Media and Technology Programs in North Carolina) within 17 schools in the State. A rigorous process that consisted of outside reviewers reviewing all applications, schools addressing all requirements effectively, and approval of the Executive Council determined the grant winners. Of the 17 schools that applied for the grant, all 17 will receive funding that totals approximately \$3,371,000.00.

Resources:

N/A

Input Process:

These grants were developed using the United States Department of Education (USED) model in consultation with USED NCLB staff. Once the grant parameters were completed, the draft was sent to several LEA technology personnel for reaction. Modifications and clarifications were made based on these individuals' comments and suggestions.

Stakeholders:

USED and the 17 schools that have received the award, as well as all schools in NC that can learn from this model and its evaluation.

Recommendations:

Staff recommends that the Board approve these grants.

Motion By: _____ Seconded By: _____
 Vote: Yes _____ No _____ Abstain _____
 Approved _____ Disapproved _____ Postponed _____ Revised _____

*Person responsible for SBE agenda materials and SBE policy updates: Susan R. McKinney 807-3293

2008 IMPACT III Model School Grant
 North Carolina's Enhancing Education through Technology Competitive Grant Award

The IMPACT III Model School Grants are awarded to 17 schools in North Carolina to enhance student instruction and produce technologically literate students and have a significant impact on the academic achievement of the school's student population.

These grants, based on ADM, range from \$55,000.00 to \$510,000.00 and will fund the implementation of the IMPACT Model in these schools.

LEA/Schools	Board District	Amount
Asheville City Schools	Eighth District	
Asheville High School		\$510,000.00
Asheville Middle School		\$320,000.00
Claxton Elementary		\$200,000.00
Hall Fletcher Elementary		\$145,000.00
Ira B. Jones Elementary		\$171,000.00
Isaac Dickson Elementary		\$200,000.00
School of Inquiry and Life Science		\$55,000.00
Vance Elementary		\$171,000.00
Pamlico County Schools	Second District	
Fred A. Anderson Elementary		\$144,000.00
Pamlico Primary School		\$137,000.00
Pamlico Middle School		\$143,000.00
Pamlico High School		\$295,000.00
Scotland County Schools	Fourth District	
South Scotland Elementary		\$175,000.00
Spring Hill Middle		\$210,000.00
I. Ellis Johnson Elementary		\$139,000.00
Sycamore Lane Middle		\$186,000.00
Washington Park Elementary		\$170,000.00

Schools Recommended for Funding

Grant Goals

- Help teachers integrate technology into their teaching practice by providing the professional development and resources necessary to implement an outstanding media and technology program as determined in the Evaluation Rubrics within *IMPACT: Guidelines for Media and Technology Programs*.
(<http://www.ncwiseowl.org/Impact/Research&eval.htm#evalrubrics>)
- Provide the necessary resources to produce technologically literate students and have a significant impact on academic achievement of the school's student population.
- Support and enhance the North Carolina State Board of Education's strategic priorities of Globally Competitive Students, 21st Century Professionals, Healthy Responsible Students, Leadership for Innovation, and 21st Century Systems.

Grant Development

- The grant was developed to align with the 2007 North Carolina Educational Technology Plan and *IMPACT: Guidelines for Media and Technology Programs*.
- The grant will continue to study the implementation of the IMPACT Model in order to comply with the U.S. Department of Education's requirement to document impact on student achievement.
- The grant was approved by and met all criteria issued by the U.S. Department of Education.

Grant Announcement

- All eligible schools were notified personally by regional instructional technology consultants of their eligibility.
- Original eligibility* was based on federal guidelines of (A) is among the local educational agencies in a State with the highest numbers or percentages of children from families with incomes below the poverty line; and (B)(i) operates one or more schools identified under section 1116; or (ii) has a substantial need for assistance in acquiring and using technology; or (C) receives an EETT formula grant amount that is not of sufficient size to be effective or consistent with the purposes of NCLB EETT. Schools that participated in the 2006-2007 IMPACTing Leadership Training and were committed to funding a full-time Media Coordinator and a full-time Technology Facilitator by the beginning of the 2008-2009 school year were eligible.

- Twenty-two schools participated in the IMPACTing Leadership Training.

LEA/Schools	Board District
Asheville City Schools	Eighth District
Asheville High School	
Asheville Middle School	
Claxton Elementary	
Hall Fletcher Elementary	
Ira B. Jones Elementary	
Isaac Dickson Elementary	
School of Inquiry and Life Science	
Vance Elementary	
Randolph Learning Center	
Pamlico County Schools	Second District
Fred A. Anderson Elementary	
Pamlico Primary School	
Pamlico Middle School	
Pamlico High School	
Scotland County Schools	Fourth District
South Scotland Elementary	
Spring Hill Middle	
I. Ellis Johnson Elementary	
Sycamore Lane Middle	
Washington Park Elementary	
Scotland Accelerated School	
Tyrrell County Schools	First District
Columbia High School	
Tyrrell Elementary School	
Tyrrell County Middle School	

- The schools that did not apply did not make the commitment to hire a full-time Technology Facilitator for the school.
- The grant was posted on the Division of Instructional Technology’s Web site, <http://www.ncwiseowl.org/Impact/grants/> with the following statement, “Schools from districts that successfully completed the IMPACTing Leadership training and will support a full-time Media Coordinator and Technology Facilitator with local funds during the 2008-2009 school year are eligible.”

Grant Submission

- All grants were submitted no later than 5 P.M. December 21, 2007.
- Seventeen schools submitted grants on deadline. The schools that submitted proposals are listed below.

Asheville City Schools
Asheville High School
Asheville Middle School
Claxton Elementary
Hall Fletcher Elementary
Ira B. Jones Elementary
Isaac Dickson Elementary
School of Inquiry and Life Science
Vance Elementary
Pamlico County Schools
Fred A. Anderson Elementary
Pamlico Primary School
Pamlico Middle School
Pamlico High School
Scotland County Schools
South Scotland Elementary
Spring Hill Middle
I. Ellis Johnson Elementary
Sycamore Lane Middle
Washington Park Elementary

Initial Grant Review

- All grants were reviewed for completeness.
- All required components were verified.

Outside Grant Review

- Each grant was reviewed by three different reviewers.
- Reviewers submitted all evaluations with comments and concerns noted.

Final Grant Review

- All grant award nominees are submitted to the State Board of Education for approval and announcement on March 6, 2008.

Grant Summaries

Asheville City Schools

Vance Elementary

Vance Elementary School will purchase laptops for teachers, presentation equipment including projectors and document cameras, and student response systems for its classrooms. Professional development to support teachers in the integration of technology and the implementation of the IMPACT Model will be offered.

School of Inquiry and Science

School of Inquiry and Science will purchase laptop carts, student laptops, graphing calculators, student response systems, electronic white board with expansion device, software for computers, document cameras, and scanners. Professional development will be provided to all teachers in the area of the IMPACT Model and technology integration.

Ira B. Jones Elementary

Ira B. Jones Elementary School will purchase response systems, interactive white boards, video projectors, a sound system, wireless keyboards, and document cameras. Tech Tuesdays, Intel and IMPACT Academy will be some of the training offered for their teachers.

Claxton Elementary

Claxton Elementary School will purchase laptops for teachers, presentation equipment, including video projector, document cameras, and interactive white boards, and student response systems for their classrooms. The district will provide differentiated professional development by matching 10% from grant.

Isaac Dickson Elementary

Isaac Dickson Elementary School will purchase mounted video projectors, a sound system, document cameras in each classroom, and classroom computers. Staff development in the area of technology integration will be offered to teachers as determined by a school needs assessment.

Hall Fletcher Elementary School for Math, Science, and Technology

Based on its school technology plan built on the vision of 21st Century Partnership, Hall Fletcher Elementary School will provide 1:1 access for 5th graders, and also implement a flex lab with electronic white board, 24 student workstations, teacher workstation, and color printers. A highlight of their grant will be a technology-based physical fitness program for all physical education classes.

Asheville Middle School

Asheville Middle School will purchase video projectors, student workstations, interactive white boards, student response systems, sound systems, document cameras, digital cameras, digital microscopes, graphing calculators and probeware. Professional development to enhance the curriculum will be offered to all teachers.

Asheville High School

Asheville High School will equip all teachers with video projectors, document cameras, and AV screens. Additional equipment will be provided for Arts, Exceptional Children, Foreign Language, Career Technical, ROTC, and Physical Education classes. Additional document cameras and software will be available in flex labs for use by all students but especially those working on their senior project.

Pamlico County Schools

Pamlico County Primary School

Pamlico County Primary will purchase interactive white boards, ceiling mounted video projectors, document cameras for classrooms and media center, laptops for teacher checkout, desktop computers, a server, mp3 players, and digital cameras. These items will be used to incorporate Web 2.0 tools into student learning.

Fred A. Anderson Elementary School

Fred A. Anderson Elementary will purchase interactive white boards, document cameras, ceiling mounted projectors, desktop computers, mp3 players, video cameras and broadcasting equipment. Professional development will be offered to all teachers on the IMPACT Model and technology integration.

Pamlico County Middle School

Pamlico County Middle School will purchase interactive white boards, laptops, desktop computers, and subscriptions to online digital content. Professional development will be offered to all teachers on the new hardware and the integration of technology.

Pamlico County High School

Pamlico County High School will purchase interactive white boards, document cameras, laptops, and subscriptions to online digital media content. Professional development to include training on software and hardware, and Intel Teach will be offered to all teachers.

Scotland County Schools

Washington Park Elementary School

Washington Park Elementary will purchase interactive white boards, laptops, student response systems, desktop computers for lab upgrade, video cameras, online digital media and instructional subscriptions. Professional development on problem-based learning and technology integration will be offered to all teachers.

Sycamore Lane Middle School

Sycamore Lane Middle will purchase laptops, student response systems, digital cameras and photo printer, video cameras, printers, desktop computers for replacement of lab computers, interactive white boards, and ceiling mounted projectors. Online digital media subscriptions and professional development training for teachers in problem-based learning will be available.

I. Ellis Johnson Elementary School

I. Ellis Johnson Elementary School will purchase video and digital still cameras, tripods, and wireless lavalier microphones for its 5th grade broadcasting station project. Also to be purchased are desktop computers to upgrade lab and for placement in classrooms. Interactive white boards and accompanying laptops will complete this set up for all classrooms. Professional development will include IMPACT training and project-based learning.

Spring Hill Middle School

Spring Hill Middle School will offer a Summer Institute with Robert Marzano through video conference for its teachers. Laptop carts for each team of teachers, GPS devices, webcams, probeware, and technology-based physical fitness program will be purchased. Content specific software for career technology area classrooms, i.e. art, chorus, band, and vocational programs, as well as for core academic programs will also be implemented.

South Scotland Elementary School

South Scotland Elementary School will purchase interactive white boards and laptops, flash drives, a digital camera for each classroom, and laser printers. The school plans to implement the National Staff Development Standards through job-embedded continuous growth opportunities.