

TECHNOLOGY: CURRICULUM & LEARNING

Goal Number(s): O3, E1, E2, E3, E5

Objective Statement: The BASD will ensure that all students will learn the technology skills in academic classes as well as related arts (areas such as technology/information, music, art, video, physical education, and industrial arts) to enable them to continue their education through a lifetime of learning.

Action Plan Statement: The BASD will upgrade/replace/purchase computers and software for music, art, business, and library.

| | |
|---|---|
| Activity Steps | <ol style="list-style-type: none"> 1. Replace/purchase 40 updated computers and peripherals (i.e., keyboards, audio recording equipment, scanners, photo printers) for music and art classrooms at each high school (\$1,500 per system) \$60,000 2. Upgrade high school business department computers (\$1,000 per system) \$120,000 3. Build up library research computers number at each high school to 30 systems per school (\$1000 per system) \$30,000 4. License additional instructional software and hardware for business computers \$24,000 5. License new instructional software and hardware for 40 related arts computers \$10,000 6. Provide training for classroom teachers in the new instructional software estimated 200 hours of pay for staff and trainers at leadership rate \$5,400 |
| Person/Group Responsible | ICT coordinator |
| Timelines for Completion | <ol style="list-style-type: none"> 1. Initiate August 2004,- Steps 2 and 4- 2004; Step 3 - 2005; Step 1 - 2006 2. Phase in training |
| Resources Needed | <ol style="list-style-type: none"> 1. Hardware \$210,000 2. Software \$34,000 3. Staff development \$5,400 |
| Evaluation/Indicators of Success | <ol style="list-style-type: none"> 1. Inventories 2. Project completion |
| Date Completed | Ongoing |

TECHNOLOGY: CURRICULUM & LEARNING

Goal Numbers: O-3, E-1, E-2, E-3, E-5
Objective Statement: The BASD will ensure that all students will use technology to help them develop and reinforce curriculum concepts, higher-order thinking skills, and applied skills to solve complex problems.
Action Plan Statement: The BASD will purchase updated computers for the science instruction to support 2007 PSSA Science Assessment.

| | |
|---|---|
| Activity Steps | <ol style="list-style-type: none"> 1. Replace physics lab computers and purchase updated software at both high schools (systems estimated at \$1000, probeware and software estimated at \$2200, 32 systems) \$102,400 2. Replace anatomy lab computers at both high schools (20 systems at \$1000) 3. Purchase additional laptop lab for the chemistry program at each high school (one Laptop lab with 16 computers \$22,000) = \$44,000 4. Purchase science probeware lab for middle schools (16 systems (\$466) per school, software and curriculum (\$194 per school) = \$30,600 5. License software for labs, physics, anatomy, chemistry, and middle school science computers (\$1000 for software per computer for 84 computers) = \$84,000 6. Replace biology lab computers at each high schools (6 classrooms per school with 7 computers per room for a total of 84 systems at \$1000) = \$84,000 7. Replace physical science lab computers at each high schools (6 classrooms per school/7 computers per room = 84 systems at \$1000) = \$84,000 |
| Person/Group Responsible | ICT coordinator, Office of Curriculum & Instruction |
| Timelines for Completion | <ol style="list-style-type: none"> 1. Initiate August 2004 2. Year one - physics, chemistry, and anatomy labs 3. Year two - biology and physical science |
| Resources Needed | <ol style="list-style-type: none"> 1. Hardware \$ 264,000 2. Software & probeware \$185,000 |
| Evaluation/Indicators of Success | <ol style="list-style-type: none"> 1. Projection completion 2. Inventories |
| Date Completed | Ongoing |

ACADEMIC INTERVENTIONS

Goal Number(s): E-2, E-4, E-5
Objective Statement: The BASD will develop academic programs which are designated to challenge each student to meet his/her fullest potential.
Action Plan Statement: The BASD will increase the extended kindergarten option for students that demonstrate at-risk behaviors or academic deficits.

| | |
|--|---|
| Activity Steps | <ol style="list-style-type: none"> 1. Adopt an extended kindergarten model which best meets the needs of the targeted students. (review current models and elect most replicable, successful model to be implemented across all 16 elementary schools) 2. Hire/assign staff according to need 3. Garner space, resources, and materials necessary to implement the extended kindergarten option |
| Person/Group Responsible | <ol style="list-style-type: none"> 1. Assistant superintendent for curriculum and instruction 2. Elementary principals |
| Timelines for Completion | <p>Phased in over a two-year period.</p> <p>Year 1 – Study current extended kindergarten models and decide which model would be best to replicate. Review of the demographics and academic functioning of the current kindergarten school population in order to propose model utilization</p> <p>Year 2 – implementation of extended kindergarten options according to priorities discovered in year one study and based within budgetary considerations (e.g., does a school need both sessions extended, etc.)</p> |
| Resources Needed | <ol style="list-style-type: none"> 1. Year 1 – study of current extended kindergarten models along with demographic review (minimal dollars needed - administrative) 2. Years 2 – implementation needs: curriculum and assessment training for all kindergarten teachers 35 teachers x 2 hours of training = \$1,750 classroom assignment 16 teachers x 25 per day x 180 days = \$72,000 |
| Evaluation/ Indicators of Success | <ol style="list-style-type: none"> 1. Student assessment and data-driven instruction based on curriculum-based assessments given to the students 2. Potential savings realized through a reduction of monies required for Reading Recovery efforts |
| Date Completed | According to projected timeline, full implementation is expected by fall of 2005 |

CURRICULUM AND INSTRUCTION

Goal Number(s): E-3
Objective Statement: The BASD will develop and maintain programs that integrate and promote an understanding of and respect for cultural diversity and multicultural issues within the school community.
Action Plan Statement: The BASD will provide opportunities for the integration of various cultural perspectives into the curriculum.

| | |
|--|---|
| Activity Steps | <ol style="list-style-type: none"> 1. Examine written curricula for all content areas to ascertain whether or not cultural perspectives are included 2. Examine where it is appropriate to infuse cultural perspectives in each curriculum 3. Include notation in written curriculum |
| Person/Group Responsible | <ol style="list-style-type: none"> 1. Assistant superintendent for curriculum and instruction 2. Curriculum supervisors |
| Timelines for Completion | Per five-year curriculum revision cycle |
| Resources Needed | Superintendent’s Advisory Committee for Diversity |
| Evaluation/ Indicators of Success | Teachers integrate multicultural activities and use materials showing diversity on a regular basis |
| Date Completed | Beginning spring 2005, then as curricula are revised |

ACADEMIC INTERVENTIONS

Goal Number(s): E-2, 0-4, 0-5
Objective Statement: The BASD will develop a comprehensive intervention plan that students will be able to read on grade level by the end of grade three.
Action Plan Statement: The BASD will develop and expand partnerships with parents, community organizations, local business, and universities to serve as volunteers, mentors, and role models.

| | |
|--|--|
| Activity Steps | <ol style="list-style-type: none"> 1. Solicit interested parties 2. Make contacts 3. Develop a plan and a schedule 4. Train volunteers 5. Put into action |
| Person/Group Responsible | <ol style="list-style-type: none"> 1. Superintendent 2. Elementary and secondary principals |
| Timelines for Completion | Ongoing - to be completed by 2007-08 |
| Resources Needed | Material costs not to exceed \$1,000 |
| Evaluation/ Indicators of Success | <ol style="list-style-type: none"> 1. Regular attendance by volunteers at sessions 2. Volunteer evaluations 3. Classroom teacher survey |
| Date Completed | <ol style="list-style-type: none"> 1. 2004-05: begin project 2. 2007-08: end project |

PERSONNEL

Goal Number(s): 0-1, 0-2, E-4
Objective Statement: The BASD will initiate a proactive plan to recruit quality professional staff of varied backgrounds and experiences.
Action Plan Statement: The BASD will address concerns raised by current staffing patterns that indicate 35 percent of current professional employees will reach retirement age in the next five years and will need to be replaced.

| | |
|--|---|
| Activity Steps | <ol style="list-style-type: none"> 1. Develop proactive recruitment strategies 2. Employ staff recruitment specialists 3. Examine current salary, benefit, and employment benefits |
| Person/Group Responsible | <ol style="list-style-type: none"> 1. Superintendent of schools 2. Associate superintendent 3. Manager of human resources 4. Board of School Directors |
| Timelines for Completion | Ongoing |
| Resources Needed | Dependent on market-driven competitive wages, benefits, and incentives needed to attract quality professionals |
| Evaluation/ Indicators of Success | Timely and effective replacement of retiring staff with quality professionals |
| Date Completed | Ongoing |

TECHNOLOGY: ADMINISTRATIVE & MANAGEMENT

Goal Number(s): O-1, O-4, E-4
Objective Statement: The BASD will use technology to enhance productivity and effectiveness of its staff by encouraging and providing opportunities to gain professional growth.
Action Plan Statement: The BASD will provide various avenues of training for office staff.

| | |
|---|--|
| Activity Steps | <ol style="list-style-type: none"> 1. Provide hardware and software as needed for training 2. Develop and offer on-site and CD/DVD/on-line training for office staff tasks, specifically regarding document processing, database use, electronic communications, and spreadsheet development, etc. 3. Allow for conference attendance 4. Initiate a train-the-trainer program 5. Utilize existing technology staff, allowing for overtime in preparing new or upgraded office computers 6. Ensure training lab computers can access school and district network and Internet |
| Person/Group Responsible | ICT coordinator, data processing supervisor |
| Timelines for Completion | Winter 2004–05 |
| Resources Needed | <ol style="list-style-type: none"> 1. Hardware: \$500 2. Software: \$500 3. Staff development: \$5,000 4. Technology staffing (overtime): \$5,000 |
| Evaluation/Indicators of Success | <ol style="list-style-type: none"> 1. Consistent and effective training 2. Measured by user group surveys |
| Date Completed | Ongoing |

TECHNOLOGY: COMMUNICATIONS & INFORMATION ACCESS

Goal Number(s): O-3
Objective Statement: The BASD will provide appropriate technology and communications services to support its mission and operation.
Action Plan Statement: The BASD will provide/maintain a system of 24/7 information services to include dns server(s), e-mail server(s), web servers, database servers, library servers, streaming media servers, curriculum servers, and other related services. – part 2

| | |
|---|---|
| Activity Steps | School Web Server Project 1. Replace, consolidate, and centralize school web servers into server farm in Network Operations Center (NOC) 2. Continue to support and train school webmasters |
| Person/Group Responsible | ICT coordinator |
| Timelines for Completion | 1a. 2004 – milestone#1: all web masters can maintain/edit their school’s webservice content 1b. 2004-05 – milestone#2: all web servers upgraded to xServe/OS X/Apache and moved to BASD NOC 2. School web master training and support is ongoing, with a minimum of two meetings/workshops per year |
| Resources Needed | 1. \$33,000 cost for replacement servers. 2a. \$11,000 annual budget for 22 web masters @ \$500 stipend 2b. \$2,800 annual budget for web authoring/editing software for web masters 2c. \$30,000 cost to license web authoring/editing software for faculty and students (e.g., <i>Contribute 2</i> software) |
| Evaluation/Indicators of Success | 1a. All web masters can maintain/edit their school’s webservice content 1b. All web servers are upgraded to xServe/OS X/Apache and relocated in BASD NOC 2. ICT coordinator & web masters will provide ongoing evaluation |
| Date Completed | June 2005 |

TECHNOLOGY: ADMINISTRATIVE & MANAGEMENT

Goal Number(s): O-4
Objective Statement: The BASD will improve access to and availability of information to foster collaborative partnerships and communications among schools, families, universities, businesses, and communities.
Action Plan Statement: The BASD will provide for web-based delivery of information to the community.

| | |
|---|---|
| Activity Steps | <ol style="list-style-type: none"> 1. Develop district website to supply parents and students access to grades, academic progress, attendance, and assignments using web-editing software and contemporary techniques 2. Update and continue maintenance of district website with information appropriate for parents, students, and faculty using web-editing software and contemporary techniques 3. Supply parents and students access to information via secure username and password 4. Train all staff in finding information on district website in order to better direct parents and community 5. Train all technology and teaching staff in use of web-editing software and contemporary techniques 6. Develop brochures to assist parents, students, and community in accessing various information 7. Utilize current technology staff, allowing for overtime for developing training materials and brochures 8. Ensure all information can be accessed via school and district networks and the Internet |
| Person/Group Responsible | ICT coordinator, data processing supervisor |
| Timelines for Completion | Fall 2006 |
| Resources Needed | <ol style="list-style-type: none"> 1. Hardware: \$5,000-10,000 2. Software: \$5,000 3. Staff development: \$1,000 4. Technology staffing (overtime): \$1,000 |
| Evaluation/Indicators of Success | <ol style="list-style-type: none"> 1. Measured by user-group surveys 2. Measured by web site activity |
| Date Completed | Ongoing |