

St. John School
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Three-Year Educational Technology Plan

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MISSION STATEMENT

St. John School is a Catholic Community; called by Christ, to educate children Physically, & Academically, Spiritually, and Socially, providing them with the keys they need for successful living in this world and for all eternity.

DEMOGRAPHICS

St. John School is a Kindergarten through Eighth Grade School located in an urban location. St. John School has an enrollment of approximately 240 students with 10 full-time teachers.

TECHNOLOGY COMMITTEE

St. John has a technology committee in place to assist with all aspects of decision making in regards to technology. The Technology Committee consists of the following people:

- Carlie Rzepa - Library Media Specialist/Computer Teacher
- Jamie Vick - Parent
- Joe Hall – Parent
- Patricia Cousino - Principal

TECHNOLOGY VISION STATEMENT

Students at St. John School will be a community of learners utilizing technology to reach the highest level of intellectual, social, physical, and emotional achievements.

STATEMENT OF BELIEF

Technology at St. John School should supplement the curricular goals. Technology should be accessible on a daily basis by teachers and students and be an integral part of the instructional program at St. John School.

TECHNOLOGY GOALS & OBJECTIVES

1. To make use of technology efficiently

- Teach students to use technology as a means for effective communication, personal productivity, and lifelong learning as evidenced by electronics portfolios and multimedia presentations.
- Teach faculty and staff to effectively use technology to improve instruction and enhance productivity as proof by teacher lesson plans, student work and parent communication/newsletters.

- Make available sufficient hardware and software to meet faculty, staff, and student needs.
2. To communicate by means of technology
 - Teach students and staff to use e-mail.
 - To continue to maintain a school web site that includes information about our school.
 3. To use computers as a resource and to assist access resources
 - Continue to teach students and staff how to efficiently use electronic research materials including CD-ROMs and the Internet.
 4. To enhance school based teaching
 - Provide in-service for faculty and staff members to enhance their technology use
 - To make certain financial constancy by optimizing the use of assets and resources

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| CURRICULUM INTERFACE WITH TECHNOLOGY |
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Facilitating learning is a primary objective of instructional technology. Teaching with technology should be implemented in the instructional setting. The educational challenges created by a changing society can be better met through the use of technology. Students of St. John the Baptist Catholic School should have:

- More individualized and small group instruction;
- Instruction presented using multiple methods;
- Increased opportunities to develop higher order thinking skills;
- More expedient access to research materials and information;
- Increased emphasis on writing skills;
- A more global education to prepare students for the 21st century;
- Increased opportunities to become technologically literate;
- More challenging and exciting ways of learning;
- Student directed learning experiences.
- Computer access in all classrooms
- Accessible Core Curriculum Software
- Open computer lab time

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| GOALS OF ST. JOHN THE BAPTIST SCHOOL COMPUTER EDUCATION PROGRAM |
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- All students will use technology as they learn subject matter and life-long learning skills.
- All students will use technologies to retrieve, organize, manipulate, evaluate, and communicate information.
- All students will use critical thinking, creative expression, and decision-making skills to apply appropriate technologies to product development.
- All students will apply ethical and legal standards in planning, using, and evaluating technology.

In order to reach the education goals for Computer Education, St. John the Baptist School has developed a Curriculum for technology using the guidelines developed by the ISTE, Detroit Catholic Diocese and St. John's technology committee. This Curriculum Guide is attached as Appendix II.

| EXISTING TECHNOLOGY | | | |
|------------------------------------------------------------------------------------------------------------|------------|--------------|----------------------|
| | Classrooms | Office Areas | Library/Computer Lab |
| COMPUTERS: | | | |
| IBM AMD K-6 Processor | | | 1 |
| Mac 6200-CD | | 1 | |
| HP Pentium 350MHZ | | | 3 |
| NEC Pentium 350MHZ | | | 1 |
| PB Pentium 133MHz | | | 1 |
| Gateway Celron 1.4 GHz | | 1 | 5 |
| Dell Pentium 233MHZ | 11 | | |
| Dell Pentium 366MHZ | | | |
| OTHER TECHNOLOGY DEVICES: | | | |
| Scanner | | | 1 |
| CD Rewrites | | 1 | 4 |
| Laser Printer HP | | | 1 |
| Ink Jet | 9 | 2 | 2 |
| Digital Camera | | | 2 |
| Cable in The Classroom | 9 | | 1 |
| Projector/Screen for large group instruction | | | 1 |
| NETWORKING: | | | |
| Computers in computer lab are networked using Win VNC (a free virtual networking system developed by AT&T) | | | |
| Modems | | 2 | 6 |
| DSL | | | 20 |

DESCRIPTION OF TECHNOLOGIES TO BE ACQUIRED

- Support Materials (software, textbooks, etc.).
- Staff development
- New Computers for Library/ Computer Lab
- PC to TV connection in classrooms
- Update printer in Computer Lab

PROJECTED COST/TIMELINE FOR ACQUIRING TECHNOLOGIES

Approximate Cost:

- Support materials \$4000.00
- Staff Development \$2000.00
- Replace aging computers in computer lab 3-5 per year \$9000.00
- PC to TV connection \$1000.00
- Update Printer in Computer Lab \$500.00

Time Line for Budgeting:

- 2006- 2007 \$5500.00
- 2007-2008- \$5500.00
- 2008-2009- \$5500.00

EXPLANATION OF PROGRAM DEVELOPMENT/COLLABORATION WITH ADULT LITERACY

As technology is acquired and incorporated into the building, demand for adult literacy and enrichment programs will be assessed through parent surveys and offered as needed. The following types of classes will be considered for adults:

- Word-processing/graphics
- Internet- surfing, e-mail etc.
- Database
- Spreadsheets

DESCRIPTION OF SUSTAINED PROFESSIONAL DEVELOPMENT

Technologies will be integrated to include course offerings and conferences on and off site. The school is committed to providing appropriate training to all personnel as it applies to their use of technology.

SOURCES OF ONGOING TRAINING & TECHNICAL ASSISTANCE

It is the goal of the St. John The Baptist Catholic School to access on going technical training. Training may include selected building personnel, the Archdiocese, colleges and universities, businesses, industry, and other global sources.

DESCRIPTION OF SUPPORTING RESOURCES

Resources will include local funding to purchase software that supports the technology and curriculum within St. John The Baptist School. Generally, support issues go first to the Media Specialist and the Tech Committee. If additional support is needed a network technician will be utilized to provide technical support for hardware and software and to assist the library/media specialist and other staff personnel who are directly involved with implementing our technology plan. Additionally, the school will take advantage of educational services provided by Monroe County Intermediate School District and other local organizations to provide quality instruction and integration of technology into the daily curriculum.

TIMETABLE FOR IMPLEMENTATION

1. The School Technology Plan will be completed in accordance with the discount savings generated by the Universal Services Fund.
2. Computers and telecommunication access will be completed as the curriculum is developed.
3. The Distance Learning capability will be in place within one year of the implementation of the Archdiocese Distance Learning Technology Plan.
4. Various developmental opportunities for the school community and teacher training will begin the same year.

COORDINATION OF AVAILABLE STATE & LOCAL GRANT RESOURCES

The St. John The Baptist Catholic School will use Federal and State monies for staff development whenever possible. Local resources (specifically our schools SCRIP program) will be used to offset the cost of purchasing computers and building infrastructure. The Universal Service Fund discounts will be requested to offset the cost of completion of the infrastructure, telecommunications, and Internet access of St. John The Baptist School.

EVALUATION & MONITORING OF TECHNOLOGY

St. John's Technology Committee will evaluate the effectiveness and success of the technology plan on a yearly basis with meetings once a month throughout the school year. Questions the committee will consider when evaluating the technology program may include:

- Is the timeline for implementation reasonable?
- Are there sufficient resources available?
- Are resources from outside of the building being used effectively?
- What lessons have been learned?

If an issue arises where there are goals not being met, the tech committee will evaluate the problem and create a plan to solve the problem in a timely fashion. In addition, St. John School will continue to seek and utilize outside resources to evaluate the technology program. For example the TAGLIT survey provided by

the Bill and Melinda Gates Foundation provides feedback for the schools technology program.

St. John School has an acceptable use policy in place for every student. This policy addresses issues in regards to acceptable use of the Internet and technology in general. In the fall of every school year, the acceptable use policy is sent home with every student to be signed by both student and parent. All teachers are also required to sign this policy. The Acceptable Use Policy along with this Technology Plan is located on the schools web site.