

## **Technology Report. 2012-13**

### **St. Anthony of Padua Catholic School, Fresno**

The primary goal of St. Anthony's School is to improve student learning through the integration of meaningful technology across the curriculum. We believe Technology should be an integral part of our curriculum. The use of technology has the potential to allow our students access to information, enhance their problem solving skills, improve their motivation, attitude and time on tasks, and learn the necessary skills needed to become competitive in the workforce. Technology also has the potential to allow our staff to be more efficient and effective in their instructional and administrative duties. Teachers will participate in various professional development activities that focus on technology integration facilitated by school personnel and attendance at workshops. These opportunities will assist teachers in enhancing the curriculum and enable students to have access to various resources. Our school community has the potential to benefit from the use of technology through improved communication possibilities such as email, monthly electronic newsletters, Schoolspeak, and teachers' blogs. These efforts assist in minimizing paper excess as well as deepening and improving parent to home relationships.

As we move ahead into the 21st century, we envision technology as being an instrumental tool for success. As educators of young children, our goal is to provide our students with skills which will carry them through their educational journey. Technology is one resource we will utilize in order to meet the diverse educational needs of our student population. It is our vision that the students and staff at St. Anthony's School have access to the latest technology and are proficient in the use of these tools to increase knowledge, create strong and healthy communities, and promote lifelong learning.

### **Snapshot of Current Technology Use**

Staff technological expertise varies at St. Anthony's School. Therefore student use of technology is not consistent across all classrooms. Four classrooms contain an interactive whiteboard, K-3 classrooms each have five desktop computers, grades 4-6 each have three to five desktop computers. Students in grades 7-8 participate in a

Laptop Program with each student purchasing a school recommended laptop. Each 7th and 8th grade teacher is provided a school laptop. St. Anthony's School owns (number) digital video cameras, (number) document cameras, (number) slates, site licenses for (add), as well as (add). Students have access to technology in the classrooms and computer lab. Various use of technology is an integrated part of the curriculum and student work. Students are provided with opportunities to develop proficiency in technology basic research tools. Teachers use the computers in their classrooms and in the computer lab to support the curriculum and school wide activities. Laptops and computers enable employees to professionally manage tasks efficiently.

**Computers are also used to:**

- Produce monthly class newsletters, homework sheets, tests, fliers, etc. and create student newspaper.
- Communicate via e-mail, conduct research, and communicate with the school community regarding classroom and school activities.
- Improve student performance using Accelerated Reader, Mathletics, Brainpop, and Starfall.
- Access and use the internet as a research tool.
- Use MS Office, (add) for various projects, and Power Points to present information and enhance lessons and learning in their classrooms. Students use PowerPoint and other technological tools to assist with projects across the curriculum.
- View educational videos on YouTube and EduTube to integrate technology resources into standards-based curriculum to engage students and increase the effectiveness of the curriculum.

**St. Anthony's School believes that Technology creates:**

- resources for students that were previously unavailable to them – brings the outside world into the classroom
- resources for teachers that were previously unavailable – lesson plan sharing, curriculum mapping, and books and media online
- opportunities for authentic learning and creativity
- a place for skill development
- the opportunity to teach students technology skills needed for higher education and the 21st century work environment

□ an excitement for learning and a pathway for lifetime opportunities- utilization of interactive resources

St. Anthony's School uses a Technology Use Policy. Every effort is made to ensure that parents are aware of the use of technology in our school. St. Anthony's School provides parents with a Code of Ethics in Technology, student safety tips and netiquette guidelines in the Parent-Student Handbook. Parents are required to sign a letter to acknowledge they are aware of technology policies and must give authorization for their child to use the Internet.

St. Anthony's School realizes that in order for technology to be successfully implemented in the classroom and across the curriculum, professional development is a prerequisite. The promotion of teacher and staff use of technology as an effective and integrated part of the curriculum will continue. Staff will have opportunities to request and research new technologies with time allowed for self-directed interests. Administration will continue to address, document, and measure the specific strengths and weaknesses of each staff member using surveys and observation. Assessment surveys will be conducted at the beginning and end of each school year. Staff development will emphasize training teachers in how to effectively use electronic assessment and reporting systems, software available in the classroom, peripheral technologies such as digital cameras, scanners, and video cameras, and provide teachers with ideas for integrating current technology into daily teaching to further enhance and extend learning. Having a Technology Coordinator on site allows St. Anthony's staff to have a person experienced with the technologies available on an as-needed basis so that problems can be solved in the least time possible, thus allowing for minimal disruption of classroom instruction and administrative tasks.

### **Technology Accomplishments:**

- (Hardware/Software)
- (Bandwidth/Filters)
- (Classroom presentation)
- Improvement of students' learning and performance through the effective use of technology. Computer lab utilized on a sign-up basis by classrooms throughout the

year. All grade levels used the lab and it was in use by classrooms up to (%) of the available time.

- Funding for Technology from annual Golf Tournament, approximately (\$) per year.

### **Technology Goals**

- Provide Parents the opportunity to participate in computer classes and Family Technology nights to introduce parents to various technologies used in school and available for personal use at home.
- Update School Web site to include teacher created blogs and additional parent information.
- Provide staff development opportunities for teachers to improve their skills in the use of technology in the classroom.
- Students use computers as tools to improve Math, Reading, and Writing skills.
- (Other:iPads, etc)

### **Technology Evidence**

- Internet connectivity for classrooms and administrative office.
- Attendance and Grade keeping using Schoolspeak.
- All desktops run Windows XP and Microsoft Office.
- The school runs a variety of network applications: Accelerated Reader, STAR Reading and Math Testing.
- Computer Lab available to all K-8 students, Staff, and After School Program.
- Technology in every classroom.