

Ascension Catholic School

Chesterfield, MO

Technology Use Plan

(last updated January 2012)



Mission Statement

- Ascension Catholic School strives to incorporate technological learning into all facets of a child's education.
- Ascension Catholic School recognizes that technology helps prepare students for a world in which they are expected to be computer proficient.
- Ascension Catholic School believes it is equally important for a child to be comfortable using many different computer applications, as well as being able to expertly retrieve information from the internet.

Student Technology Skills - Overview

- Each year, Ascension Catholic School pupils will be taught grade appropriate software and hardware skills in a computer classroom
- Each classroom shall have computers for the students to use for research, printing, online testing and uses directed by the classroom teacher
- Each teacher shall guide students in the use of technology as well as make use of technology for themselves

Kindergarten – 2nd Grade

➤ Hardware

- Each classroom will have at least 4-5 computers to be used for centers and curriculum enhancement

➤ Software (minimum)

- Microsoft Windows, Microsoft Office, Internet Explorer, Accelerated Reader, STAR Reading
- Additional educational software to support curriculum

3rd – 5th Grade

➤ Hardware

- Each classroom will have at least 2-3 computers to be used for research, printing, online testing and uses directed by the classroom teacher

➤ Software (minimum)

- Microsoft Windows, Microsoft Office, Internet Explorer, Accelerated Reader, STAR Reading

6th – 8th Grade

➤ Hardware

- Each classroom will have at least 2-3 computers to be used for research, printing, online testing and uses directed by the classroom teacher

➤ Software (minimum)

- Microsoft Windows, Microsoft Office, Internet Explorer, Accelerated Reader

Teacher Technology Access

➤ Hardware

- Each teacher will have access to a classroom computer

➤ Software (minimum)

- Microsoft Windows, Microsoft Office, Internet Explorer

➤ Primary Uses

- Teacher websites and email
- Grading
- Research
- Lesson planning

Staff Technology Access

➤ Hardware

- All staff will have access to a computer
- Includes principal, office staff, counselor, nurse
- Software (minimum)
- Microsoft Windows, Microsoft Office, Internet Explorer

➤ Primary Uses

- Email
- Communication
- Internet access

Technology – Current Computer Lab (maximum class size 16)

➤ Hardware

- 18 computers, projector and Promethean ActivBoard, 2 printers (color and black/white)

➤ Software (minimum)

- Microsoft Windows, Microsoft Office, Internet Explorer, Accelerated Reader, Star Reading, Hyperstudio, Microworlds, Type to Learn, ActiveInspire

➤ Primary Learning Uses

- Proficient using Microsoft applications
- Keyboarding
- Programming
- Research

Technology - Current Technology Room (maximum class size 30)

➤ Hardware

- 31 computers, projector and Promethean ActivBoard, Elmo document reader, printer

➤ Software (minimum)

- Microsoft Windows, Microsoft Office, Internet Explorer, Accelerated Reader, Star Reading, ActivInspire

➤ Primary Learning Uses

- Proficient using Microsoft applications
- Keyboarding
- Programming
- Research

Technology Coordinators

- Teach a formal Computer class to students in grades K-8 in the Computer classroom
- Help lead the Technology Committee
- Support the school network with a wide range of hardware, software and infrastructure knowledge
- Assist teachers and staff with ideas for incorporating technology into the classroom curriculum
- Guide the purchase of technological items (computers, printers, accessories, software, etc.)
- Keep an inventory of all equipment and software with planned replacement dates in order to allow the technology committee to understand the resource requirements needed
- Keep all service contracts current

Technology Committee

- The Principal and Technology Coordinators lead a technology committee.
- The Technology Committee meets to discuss the short and long-term technology needs for Ascension Catholic School.
- The Committee reviews the plan annually and makes suggestions for changes.
- The Committee reviews proposals for new technological needs for the school and determines priority and resources needed
- The Committee reviews the technology survey results to assist the school with determining what to tweak in the plan.
- The Committee may assist with fundraising efforts specific to technology needs.

- Technology Committee Members 2011-2012:
 - Cathie Wayland - Janet King - Barbara Brotemarkle
 - Suzanne Antonaros - Michael Pheney
 - Scott Frank - Debbie Higgins
 - George Hayward

Future Needs

➤ Additional Promethean ActivBoards

- Twelve rooms have been outfitted with Promethean ActivBoards with great success
- Teachers use the ActivBoards to
 - Engage active learning
 - Provide immediate feedback
 - Target learning styles
 - Save lessons, notes, visuals
 - Provide teacher directed student lead instruction

Future Needs – cont.

- Maintain service contracts
- Replace obsolete hardware and software
 - New PC for each teacher (approx. 30)
 - Replaces old HP PC or Dell laptop
 - Upgrade Microsoft Office to 2010
- Continue professional development for faculty and staff

Future Needs – cont.

- **ActivExpression Handheld learner response system**
 - Allows students to answer with words, numbers, symbols and more

Accomplishments 2011-2012

- Installation of 18 new Dell (Windows 7) computers in Computer Lab replacing thin client terminals
- Installation of 8 new Dell (Windows 7) computers in classrooms with Promethean boards installed in 2010 and 2011
- Purchase of software licenses for the 26 new Dell computers to meet Windows 7 compatibility
 - Microsoft Office 2010 (all)
 - Hyperstudio 5.0, Microworlds Ex, Type to Learn 4 (Lab only)
- Replaced Windows 98 PC's in K, 2nd, Spanish with either thin client terminals (from Computer Lab) or HP PC's (A-B donations 2010)
- Installation of four Promethean ActivBoards in four classrooms
- Updated Technology Plan

Accomplishments 2010-2011

- Installation of four Promethean ActivBoards in three classrooms and Annex
- Installation of 27 HP PC computers in classrooms replacing old Dell Windows 98 PCs (donation from Anheuser-Busch)
- Purchase of web based student information system through FastDirect Communications
 - Provides teachers with web based access to entering grades and generating report cards
 - Allows web based parent access to grades
 - Provides School/Teacher/Parent communications through web based Bulletin Boards and Message system
- Updated Technology Plan

Accomplishments 2009-2010

- Installation of 31 Dell PC computers in new Smith Technology Room
- New computer tables and chairs for Smith Technology Room
- New presentation cart for PC connected to Promethean board in Smith Technology Room
- Installation of one new Dell PC computer in Spanish room and 5th grade classroom
- Updated Technology Plan

Accomplishments 2008-2009

- Installation of 4 Promethean ActivBoards and projectors in Computer room, Spanish room, 5th grade classroom, future Computer Lab
- Completion of formal and updated technology plan

Conclusion

- This plan will be updated a minimum of two times annually
- Last updated January 2012

