

Strategic Technology Plan

St. Gabriel School

Louisville, KY

The Technology Committee formulates the Strategic Technology Plan, intended to support the vision of technology at St. Gabriel School, and revises the plan annually.

School Mission Statement

We educate through the Catholic values of faith, family, tradition, and innovation empowering everyone to soar with possibilities.

Vision Statement for Technology

Technology will be used throughout our school as we acquire new and exciting ways to meet the needs of all our students. We will strive to use the most up-to-date technology tools in order to:

- design learning environments that will reach out to a diverse learning community
- gauge and monitor our students' individual levels of achievement, using that information to make important decisions about our programs and our support for student learning
- model and encourage collaboration between and among us all: teachers, students, parents, administrators and the global community

In our classrooms, teachers will be confident and knowledgeable about the range of technology tools that can assist them in making effective choices in designing learning experiences. Supported by accessible technology and professional development, teachers will develop and share authentic and engaging learning activities that require students to hone problem-solving skills.

Through this creative and collaborative environment St. Gabriel School teachers will use technology to:

- promote intellectual experimentation
- provide options that match learning experiences to the individual learner
- promote the development of higher order thinking and creative problem solving
- redefine and transform learning tasks to create authentic learning experiences.

All students, administrators and teachers will be accountable for basic technology skills while continuing to develop their technological literacy.

As 21st century lifelong learners, the students of the St. Gabriel School will:

- understand the ever-evolving ways in which technology can challenge our personal safety
- develop literacy skills that require them to identify reliable and credible sources
- use those sources to develop their own distinctive voices
- demonstrate responsibility for the ethical use of technology
- engage in the use of technology to promote participation in the global learning environment
- distinguish and demonstrate the appropriate technological applications

In all of our classrooms, and offices, we will use technology to enhance interactions and understand that technology will never replace our human need for each other.

BELIEFS

- Technology allows us to better serve the diverse learning needs of our students.
- Skillful use of technology supports the development of process skills such as flexibility, adaptability, critical thinking, problem solving, communication and collaboration which are essential to success in our rapidly changing information age.
- Our school must prepare students to be lifelong learners who are responsible for their own learning, skilled in accessing and processing information, confident in using technological tools, able to solve complex problems alone or collaboratively, capable of being creative and innovative, and able to communicate locally, nationally, and globally.

Adapted from Barnstable Public Schools, Hyannis, Massachusetts Strategic Technology Action Plan
<http://www.barnstable.k12.ma.us>

Strategic Technology Plan Goals

2019-2022

- A. Provide the training and support for teachers to become competent and confident in using the full range of technology resources to deliver effective curriculum, instruction, and assessment.
 - a. Baseline training
 - i. *August 2019- New teacher orientation*
 - b. Onboarding/ outgoing
 - i. Staff-
August 2019- designed online checklist for incoming/ outgoing staff in Google Drive
 - ii. Transfer Students
 - c. Teachers Teaching Teachers
 - i. *Faculty meetings*
 - 1. *March 24, 2020*
 - 2. *April 9, 2020*
 - 3. *April 23, 2020*
 - d. Technology Skills-based Curriculum for students
 - i. <https://www.buddyberry.com/world-class-knowledge-and-skills>
 - e. Pilot program training- *completed Spring 2019*
 - i. MAP
 - ii. Edgenuity
 - iii. Lexia
 - iv. Dreambox
 - f. Adopted new assessment programs- *September 2019*
 - i. MAP- 3 times per year
 - 1. K-2: reading fluency
 - 2. 3-7: reading, language arts, math
 - 3. 8: math (algebra)
 - ii. Dreambox (math)
 - 1. K-7 (ongoing)
- B. Encourage and support innovative uses of technology.
 - a. Robotics
 - i. *2019-2020: Incorporated into library/ media classes*
 - ii. *February 2020: STREAM fair*
 - b. Makerspace
 - c. 3D Printing
 - i. *Incorporated in technology classes 2019-2020*
 - d. Augmented reality

- e. Green screen
 - i. *Applied for CEF grant- March 2020*
- C. Streamline communication to current and prospective parents
- a. Trumpet/ Parent Emails (*ongoing- weekly*)
 - i. *Roaring Good News: Jan, Feb, May 2020*
 - b. Website
 - i. News You Can Use
 - ii. Teacher Webpages
 - iii. Website review committee
 - 1. *Jan 2020- reviewed three vendors*
 - 2. *May 2020- submitted to finance council for review*
 - c. Apps (Class Dojo, SeeSaw, Google Classroom)
 - i. *August 2019- Grades 3-8: adopted Google Classroom for regular parent communication*
 - d. PowerSchool
 - e. Social Media
 - i. Facebook
 - ii. Trumpet
 - iii. LinkedIn
 - iv. Instagram
- D. Infrastructure development (new goal: May 2020)
- a. Intranet/campus cabling project
 - b. Site survey/ Access points
 - c. Upgrade service to fiber
 - d. Telephone system- Voice over IP
 - e. Parish cameras: sanctuary
 - f. Replacement schedule:
 - i. iPads
 - 1. *Replace when ipads are not able to be updated: what is average age?*
 - ii. SMART boards
 - 1. *Replaced K-4 2018-2020*
 - iii. *Audio systems: replaced remaining summer of 2019*
 - 1. *To be replaced in 2020: K, &, 8, Uniques*
- E. Assess technology plan progress annually and revise technology plan as necessary to stay current and relevant.