



TRINITY CATHOLIC
ACADEMY

FIVE YEAR
TECHNOLOGY PLAN

2014-2019

Concept

The TCA 5 Year Technology plan strives to maintain equipment and services (such as Teacherease, Accelerated Reader, and School Reach) while accomplishing the following goals:

Bring Internet into the School

Equip the middle school, kindergarden, and gym/office area with enterprise-class wi fi connection utilizing the new high capacity router purchased through grants in 2013.

Transition to a 1:1 Program

Implement a 1:1 Chromebook program for the middle school with full 1:1 achieved by the 2016-2017 school year and operating with solely personal student devices by 2017-2018

New Computer Lab

Completely replace the Computer Lab devices with Chromeboxes in the 2016-2017 school year. The Chromeboxes will allow our elementary students to begin using the Google Apps for education software that is used on the middle school Chromebooks.

Add and Maintain Equipment

Replace aging administrative computers and have sufficient funding by the 2017 - 2018 & 2017- 2019 years to begin adding and replacing LCD projectors, Smart Boards, IP security cameras, etc.

Manage Responsible Budgets

Pace the implementation of new technology carefully to avoid heavy costs to our school or families.

Financing from Illinois Valley Business Equipment for the Wifi infrastructure allows us to space payments on our greatest singular expense.

Rollingout the 1:1 program one grade per year spaces Chromebook expenses for the school and prevents our 7th and 8th grade families from over-paying for technology that would not yet be fully implemented.

Avoiding the need for additional fundraising burdens on our families and staff by sequencing purchases carefully.

Timetable for 1:1 Implementation

The implementation of the Chromebook program rolls out sequentially. This is so not to burden families of soon-to-graduate students with technology expenses their students will not have fully enjoyed as well as allowing time for our teachers and families to adapt to the new technology.

The program begins in the first year with the purchase of a 1-class cart of Chromebooks to be shared among our middle school grades. After the initial year, personal devices will be issued to all the incoming 6th graders.

Personal Chromebooks remain the property of TCA until graduation. Assuming all tuition and fees are settled, the Chromebooks will be released to the students to be used during their high school careers. Students who transfer from TCA before graduation will have the opportunity to buyout their personal Chromebook from TCA. The cost of the buyout will be determined on an individual bases considering the original retail cost and the years of technology fees already paid to TCA.

While TCA owns the Chromebooks until 8th grade, the personal Chromebooks are the responsibility of the individual student and his/her family. Damages and loss caused by abuse or neglect are the responsibility of the student. If a personal Chromebook needs to be replaced, the student is responsible for the full purchase price of the new device. When available, used Chromebooks for replacement might be purchased from the school at reduced cost.

Starting with year two, students with personal Chromebooks are welcome to personalize their Chromebooks with appropriate covers or vinyl clings. All students will need a carrying case for a personal Chromebook for movement around the school building and for bringing the device home (when parents and teachers permit). Details available in the TCA Chromebook policy document.

	Year 1	Year 2	Year 3	Year 4	Year 5
	2014-15	2015-16	2016-17	2017-18	2018-19
6th Grade	Uses a TCA Owned Chromebook	Uses a Personal Chromebook	Uses a Personal Chromebook	Uses a Personal Chromebook	Uses a Personal Chromebook
7th Grade	Uses a TCA Owned Chromebook	Uses a TCA Owned Chromebook	Uses a Personal Chromebook	Uses a Personal Chromebook	Uses a Personal Chromebook
8th Grade	Uses a TCA Owned Chromebook	Uses a TCA Owned Chromebook	Uses a TCA* Owned Chromebook	Uses a Personal Chromebook	Uses a Personal Chromebook

* By Year 3, the 8th grade will have exclusive use of the TCA owned Chromebooks.

Five year plan

Year 1: 2014-2015

Technology Fee: \$150 per family x 100 = \$15,000

Goal 1: Establish an effective wireless infrastructure in collaboration with IVBE. Wireless access points to be located in the following locations: gym, foyer, 6th grade room, 7th grade room, 8th grade room, and Kindergarten room.

Cost of Wireless Year 1 of 3: \$2,025

Goal 2: Provide training for teachers in the use of Google Apps for Education.

Cost of Training Year 1: Standard stipend for CPDU hours (can come from standard CPDU funds)
 Provided by Peoria Notre Dame High School

Goal 3: Purchase a set of 22 Chromebooks to be used in 6th-8th grade. These Chromebooks will be school owned and may not be taken home by students.

Cost of Chromebooks: \$5,500

Kindergarten	2 computers
1st	2 computers
2nd	2 computers
3rd	2 computers
4th	3 computers
5th	3 computers
6th	3 computers
7th	2 computers
8th	3 computers

Goal 4: Move new classroom computers to computer lab. Computer lab computers will be moved to classrooms for Accelerated Reader

Goal 5: Purchase refurbished computers for secretary and principal
 Cost of Desktops: \$500

Teacherease	-\$2,700
School Reach	-\$400
Accelerated Reader	-\$1,800
1 of 3 Year of Wireless Payments	-\$2,025
Misc. repairs and parts	-\$1000
Sec./Principal quality refurbished computers	-\$500
22 Chromebooks (TCA Owned)	-\$5,500
Total Expense	-\$13,925
New Technology Fee	\$150 per family = \$15,000
Remaining Funds	+\$1,075

Five year plan

Year 2: 2015-2016

Technology Fee: \$150 per family x 100 = \$15,000

Goal 1: Maintain an effective wireless infrastructure in collaboration with IVBE. Wireless access points to be located in the following locations: gym, foyer, 6th grade room, 7th grade room, 8th grade room, and Kindergarten room.

Cost of Wireless Year 2 of 3: \$2,025

Goal 2: Maintain and continue to use set of Chromebooks as a learning tool in grade 6-8.

Goal 3: Set of 22 Chromebooks remaining from year 1 will be used by 7th and 8th grade exclusively and as backup books as needed for 6th grade.

Goal 4 Purchase 16 personal Chromebooks by the fall for the class of 2018 (the new 6th grade).

Cost: \$4,000

Goal 5: Purchase refurbished computer for bookkeeper.

Cost of desktop: \$250

Remaining funds for 14-15 school year	\$1,075
Teacherease	-\$2,700
School Reach	-\$400
Accelerated Reader	-\$1,800
2 of 3 Year of Wireless Payments	-\$2,025
Bookkeeper desktop	-\$250
Misc. repairs and parts	-\$1,000
16 Chromebooks (Personal/1:1-Class '18)	-\$4,000
Total Expense	-\$11,100
New Technology Fee	\$150 per family = \$15,000
Remaining Funds	+\$3,900

Five year plan

Year 3: 2016-2017

Technology Fee: \$150 per family x 100 = \$15,000

Goal 1: Maintain an effective wireless infrastructure in collaboration with IVBE. Wireless access points to be located in the following locations: gym, foyer, 6th grade room, 7th grade room, 8th grade room, and Kindergarten room.

Cost of Wireless Year 3 of 3: \$2,025

Goal 2: Purchase 16 personal Chromebooks by the fall for the class of 2019 (the new 6th grade).

Cost: \$4,000

Goal 3: Set of 22 Chromebooks remaining from year 1 will be used by 8th grade exclusively and serve as backup books for 6th and 7th grade.

Goal 4: Computer lab computers will be replaced with Chromeboxes. Using Chromeboxes in the computer lab will teach students how to use Google Apps as early as Kindergarten.

Cost of 23 Chromeboxes: \$4,140
 Cost of 23 HDMI / LCD monitors: \$2,300
 Cost of 23 USB Keyboards and Mice: \$345

Kindergarten	2 computers
1st	2 computers
2nd	2 computers
3rd	2 computers
4th	3 computers
5th	3 computers
Library	3 computers
Art/Music	2 computers
Pre-K	2 computers

Goal 5: Computer lab computers will be moved to classrooms for Accelerated Reader and daily use.

Remaining funds for 15-16 school year	\$3,900
Teacherease	-\$2,700
School Reach	-\$400
Accelerated Reader	-\$1,800
3 of 3 Year of Wireless Payments	-\$2,025
Misc. repairs and parts	-\$1000
Complete Lab Refit (23 Machines)	-\$6,785
16 Chromebooks (Personal/1:1 - Class of '19)	-\$4,000
Total Expense	-\$14,810
New Technology Fee	\$150 per family = \$15,000
Remaining Funds	+\$190

Five year plan

Year 4: 2017-2018

Technology Fee: \$150 per family x 100 = \$15,000

Goal 1: Purchase 18 Chromebooks by fall for class of 2020 (the new 6th grade).

Cost of Chromebooks: \$4,500

Goal 2: Purchase 5 LCD projectors - Lumens >2700

Goal 3: Purchase 10 wireless IP cameras

Remaining funds from 16-17 school year	+\$190
Teacherease	-\$2,700
School Reach	-\$400
Accelerated Reader	-\$1,800
Misc. repairs and parts	-\$1,000
18 Chromebooks (Personal/1:1 - Class of '20)	-\$4,500
5 LCD Projectors	-\$2,600
10 Wireless IP cameras	-\$750
Total Expense	-\$10,210
New Technology Fee	\$150 per family = \$15,000
Remaining Funds	+\$1,440

Five year plan

Year 5: 2018-2019

Technology Fee: \$150 per family x 100 = \$15,000

Goal 1: Purchase 18 Chromebooks by fall for class of 2021 (the new 6th grade).

Cost of Chromebooks: \$4,500

Goal 2: Purchase 5 LCD projectors - Lumens >2700

Goal 3: Replace teacher and administrator laptops/desktops

Remaining funds for 17-18 school year	+\$1,440
Teacherease	-\$2,700
School Reach	-\$400
Accelerated Reader	-\$1,800
Misc. repairs and parts	-\$1,000
18 Chromebooks (Personal 1:1 - Class of '21)	-\$4,500
5 LCD Projectors	-\$2,600
Teacher/Admin Laptops	-\$3,000
Total Expense	-\$11,650
New Technology Fee	\$150 per family = \$15,000
Remaining Funds	+\$440