

RAY PUBLIC SCHOOL

Technology Plan

2019-20

PURPOSE and GOALS

The purpose of developing a technology plan for Ray Public School is to clearly define how technology is used to assist, facilitate and enhance the education to our students, and as a tool to our faculty.

GOALS.

Goal #1 Ray Public School needs to plan for technology to ensure our students are college/career ready using up to date technology

Goal #2 Ray Public School needs to plan for technology to increase the productivity and efficiency of staff as well as a learning tool for our students and teachers.

Goal #3 Ray Public School needs to plan for technology to provide reliable and efficient avenues of communication with school stakeholders.

VISION STATEMENT

“Utilize current technology to act as a tool in our educational process to ensure all students are prepared to meet the needs of our ever - changing technological world.”

EVALUATION OF 2017-18 RAY PUBLIC SCHOOL TECHNOLOGY

Computer Lab – 27 HP ProDesk PC’s (2017)

Business Lab – 21 HP ProDesk PC’s (2017)

Elem iPad Cart – 30 iPad 2 (2016)

JH/HS iPad Cart – 30 iPad Air (2017)

Teacher Computers – HP ProBook (2017)

Server – Windows Server 2008 (2017)

ChromeBook Carts – 2 carts of 25 Lenovo e100 (2019)

SmartBoards – Smartboards in all rooms except HS Math

WiFi – Ubiquiti AP 5gh (2018)

Printers – HP 8600 administration (2015) HP color, HP B/W for both HS and Elem (2016)

Extras – HP Probooks, Macbooks, ByteSpeed AIO

RECOMMENDATIONS

Recommendation #1: Develop a replacement plan for lab computers

Results:

Recommendation #2: Add another lab primarily to be used by our elementary

Results:

Recommendation #3: Develop a replacement plan for teacher computers

Results:

Recommendation #4: Begin the process of planning for student use computers to be server less and utilize the cloud. Segregate the server for administration and office use.

Results:

Recommendation #5: Update the existing projector throw SmartBoards with the flat panel boards as needed

Results:

Recommendation #6: Inquire about the lease program for HS and Elem printers.

Results:

Implementation

Technology implemented correctly is a powerful learning tool, technology with no direction is a powerful, and dangerous tool.

2019-20 CORE TECHNOLOGY USES/SOFTWARE

1. Microsoft Office
2. G-Suite
3. SmartNotebook
4. iOS Apps

Recommendation #1: Integrate MS Office into the elementary curriculum so students are proficient in the basics of the core applications by the time they reach HS courses

Results:

Recommendation #2: Utilize G-Suite applications for organization, collaboration and efficiency with both students and staff

Results:

Recommendation #3: Effectively use the features of the SmartNotebook software to unlock all the capabilities the boards offer

Results:

Recommendation #4: Research, acquire, and use apps that align with the curriculum being taught

Results:

Recommendation #5: Develop an ongoing professional development plan to ensure all teachers are equipped with the appropriate training to effectively utilize and teach the technologies to fit their curriculum

Results:

COMMUNICATION

Communication is a vital component to our school that connects all stakeholders

2019-20 COMMUNICATION METHODS

1. G-Mail email
2. Website – EduTech free version
3. Google Calendar
4. One Call Alert System
5. NCC channel
6. Social Media – Facebook

Recommendation #1: Utilize school email for students in our classes where appropriate

Results:

Recommendation #2: Look at the possibility of changing from edutech website, to a more robust all - inclusive system (Blackboard) – social media, app, one call, etc

Results:

Recommendation #3: Continue to utilize Google Calendar, provide support and ongoing training, and implement it in our classrooms

Results:

Recommendation #4: Continue and encourage the use of the NCC channel to reach stakeholders in our community.

Results:

Recommendation #5: Promote the use of old fashioned communication. The ability to verbally speak to one another

Results:

BUDGET

(PROVIDED BY ADMINISTRATION)

SUMMARY

Technology planning is an ongoing process, not a goal that can be accomplished and then filed away as “Completed.” Proper implementation of the plan is the key to a successful planning process. The purpose of engaging in a technology planning process is to make effective use of appropriate technologies. Full implementation of hardware, software, implementation, training and communication is the only way to make technology planning pay off.

It is important to remember we do not need a planning process just to buy and experiment with new hardware and software. Purchasing decisions need to be evaluated for the effect they will have in achieving the educational goals of our school. In turn, after the purchases have been made and the technologies implemented according to the plan, proper evaluation of the effectiveness of the implementation must be made. Without proper evaluation, the technology process is incomplete.