Raymore-Peculiar District
5-Year Technology Plan Summary

Five Years Ended with Fiscal Year 2019-2020

Vision of Technology in the Ray-Pec Schools

The Raymore-Peculiar School District is committed to supporting the personalization of learning so that each student is highly engaged in established learning standards. We believe:

- the use of technology can enhance student engagement by providing opportunities for students to construct ideas, opinions, arguments and
- evidenced-based reasoning in collaborative environments.
- technology provides access to digital content and digital learning so that students have multiple pathways of learning.
- technology can provide opportunities for students to learn and attain high standards in digital citizenship while preparing them for the world
- they will encounter upon graduation.
- the appropriate use of technology allows for effective and efficient operations.

Strategic Plan Focus Area #4: Technology Optimization (prior strategic plan)

To achieve Technology Optimization, we believe we must:

> *- develop and implement a systematic approach to technology planning.*
> *- maximize technology applications and resources to facilitate effective instructional delivery and student learning.*
> *- maximize technology applications and resources to facilitate efficient and effective operations.*

At the end of 5 years, this plan will do the following upon full implementation:

1. Every 6th-12th grade Ray-Pec student will be one-to-one with a take home device. (Chromebook 6th-8th, Chromebook or Laptop 9th-12th)
2. Every K-5th grade Ray-Pec student will be one-to-one with a device that stays at school. (Tablets K-1st, Chromebooks 2nd-5th)
3. Each classroom will have a Flat screen TV or projector with screen.
4. Each classroom will have an Apple TV or comparable mirroring device.
5. Each classroom will have integrated sound.
6. Every teacher will be provided a laptop. (Macbook Air or comparable device)
7. A refresh cycle to replace computers for students and staff in all buildings will be implemented.
8. Each building will maximize the amount of time their Digital Learning Teacher will support the one-to-one integration through troubleshooting support, professional
9. development and teacher mentoring/coaching.
10. The District will maintain an infrastructure that is robust and reliable to meet the needs of this technology plan.
11. School libraries and common areas will have charging stations for student mobile devices. (HS only)

5 Year Technology Financial Plan

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
INFRASTRUCTURE (Fiber, Bandwidth, Wiring & Switches, Servers, Wireless, Storage & Power)	$523,271	$523,271	$497,092	$610,343	$659,171	$711,904
DEVICES & EQUIPMENT (Student Chromebooks, Teacher Laptops, Desktops, Projectors/TV's, Sound	$215,000	$319,850	$471,579	$416,517	$452,350	$559,850
PURCHASED SERVICES (Contracted services such as Phones, Microsoft license, SIS, Lightspeed, Web hosting, Internet services, Copier lease, etc.)	$696,529	$696,529	$671,529	$724,669	$739,162	$753,945
SUPPLIES & MATERIALS (Parts & pieces, Batteries, Computer memory, Travel, etc.)	$68,400	$68,400	$69,768	$71,163	$72,587	$74,038
Total =	$1,503,200	$1,608,050	$1,709,968	$1,822,692	$1,923,270	$2,099,738
Net change from previous budget =		$104,850	$101,918	$112,724	$100,577	$176,469

Points of emphasis:

2015-16	*All 3rd grade classrooms receive classroom set of Chromebooks *All 4th grade classrooms receive classroom set of Chromebooks *All 5th grade students receive Chromebooks (Devices stay at school) *6th Grade 100% BYOD *9th Grade 100% BYOD *District projector upgrades *Computer cart and lab upgrades *Intermediate and Secondary AC Wireless upgrade
2016-17	*All 5th grade students receive Chromebooks (Devices stay at school) *All 6th grade students bring Chromebooks from 5th grade (take home devices) *All 9th grade students receive Chromebooks (take home devices) *2nd Grade 100% BYOD *7th Grade 100% BYOD *10th Grade 100% BYOD *District projector upgrades *Computer cart and lab upgrades *Infrastructure upgrades
2017-18	*All 2nd grade classrooms receive classroom set of Chromebooks *All 5th grade students assigned a Chromebook (Devices stay at school) *All 6th grade students bring assigned Chromebooks from 5th grade (take home devices) *All 7th grade students bring assigned Chromebooks from 6th grade (take home devices) *All 9th grade students receive assigned device (take home devices) *All 10th grade students bring assigned device from 9th grade (take home devices) *All 1st grade classrooms receive 10 tablets *1st Grade 100% BYOD *8th Grade 100% BYOD *11th Grade 100% BYOD *District projector upgrades *Computer cart and lab upgrades *Infrastructure upgrades
2018-19	*All 1st grade classrooms receive classroom set of tablets *All 5th grade students assigned a Chromebook (Devices stay at school) *All 6th grade students bring asigned Chromebooks from 5th grade (take home devices) *All 7th grade students bring assigned Chromebooks from 6th grade (take home devices) *All 8th grade students bring assigned Chromebooks from 7th grade (take home devices) *All 9th grade students receive assigned device (take home devices) *All 10th grade students bring assigned device from 9th grade (take home devices) *All 11th grade students bring assigned device from 10th grade (take home devices) *All K classrooms receive 10 tablets *K 100% BYOD *12th Grade 100% BYOD *District projector upgrades *Computer cart and lab upgrades *Infrastructure upgrades
2019-20	*All K classrooms receive classroom set of Tablets *All 5th grade students assigned a Chromebook (Devices stay at school) *All 6th grade students bring assigned Chromebooks from 5th grade (take home devices) *All 7th grade students bring assigned Chromebooks from 6th grade (take home devices) *All 8th grade students bring assigned Chromebooks from 7th grade (take home devices) *All 9th grade students receive assigned device (take home devices) *All 10th grade students bring assigned device from 9th grade (take home devices) *All 11th grade students bring assigned device from 10th grade (take home devices) *All 12th grade students bring assigned device from 11th grade (take home devices) *District projector upgrades *Computer cart and lab upgrades *Infrastructure upgrades

Other considerations:

1. This budget plan does not include salaries & benefits of the Technology Department staff.

2. Two (2) additional FTE positions in the Technology Department will ultimately be needed to support the increase in the number of devices.