Mt. Vernon Update on 1:1 Devices Four Year Plan 2019-2023

Students in Grade 4 receive Chromebooks

iPads in Grade 4 exchange iPads for Touch Screen Chromebooks

K-12 All receive 1:1 Device

Students in Grades K-5 receive iPads. Students in Grades 6-12 receive Non-Touch Chromebooks

5 Year Plan Established

Students will keep devices for 5 years. Students will keep same device. Students will transition from iPads to Chromebooks at Grade 6 Summer - Tech Team Evaluates all Devices

Tech Team reports overall condition of devices in good shape and can go 5 yrs.

End-of-Life for Dell 3180

Google will no longer update/support the Dell 3180 Chromebook

End-of-Life for iPad Air 2

Apple will no longer update/support.

2018

2022

2016

2015

Students in Kindergarten receive iPads

Incoming Kindergarten students receive iPad Air 2

2017 Students in Grade 5 receive Chromebooks

Students in Grade 5 receive Touch Screen Chromebooks. Touch Screen purchased to help transition from iPad. Keyboard felt needed for online assessment/testing.

Students in Kindergarten receive iPads

Incoming Kindergarten students receive iPad Air 2 - 32 GB

2020

June, End-of-Life for Dell 3120

Google will no longer update/support the Dell 3120 Chromebook

Past Plans for 1:1 Devices

- Replace two grade levels of devices
 - Incoming Third (3rd) Grade students would receive Chromebooks
 - Fourth (4th) Grade students, last year's 3rd grade that had iPads, would receive Chromebooks
 - Funded through the Common School Loan Grant
- Two grade levels of used iPads from previous 2nd and 3rd grade would be handed down to incoming Kindergarten; select the best iPads, others would be used as spares

5 Year Plan Matrix

• Five Year Replacement Plan Matrix

| - | | | 1 2 | - 21 | | | | | | | | |
|----|----------|----------------------|-------------------|-----------------|-----------------|-----------------|-----------------|----------|-----------------|-----------------|----------|----------|
| | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | 2024-25 | 2025-26 | 2027-28 |
| ĸ | New iPad | New iPad (Year 1) | New IPad 32 GB | Year 4 | Year 4 | Year 4 32 GB | Year 2 | Year 2 | Year 2 | Year 5 | Year 5 | Year 5 |
| 1 | New iPad | Year 2 | Year 2 | Year 2 32 GB | Year 5 | Year 5 | Year 5 32 GB | Year 3 | Year 3 | Year 3 | New iPad | New iPad |
| 2 | New iPad | Year 2 | Year 3 | Year 3 | Year 3 32 GB | New iPad | New iPad | New iPad | Year 4 | Year 4 | Year 4 | Year 2 |
| 3 | New iPad | Year 2 | Year 3 | Year 4 iPads | New Touch CB | Year 2 | Year 2 | Year 4 | New Touch CB | New Touch CB | Year 2 | Year 3 |
| 4 | New iPad | Year 2 | Year 3 | New Touch CB | New Touch CB | Year 2 | Year 3 | Year 3 | New Touch CB | Year 2 | Year 2 | Year 3 |
| 5 | New iPad | Year 2 | New Touch CB | New Touch CB | Year 2 | Year 2 | Year 3 | Year 4 | Year 4 | Year 2 | Year 3 | Year 3 |
| 6 | New CB | New Touch CB | New Touch CB | Year 2 | Year 2 | Year 3 | Year 3 | Year 4 | Year 5 | Year 5 | Year 3 | Year 4 |
| 7 | New CB | Year 2 | Year 2 | Year 2 | Year 3 | Year 3 | Year 4 | Year 4 | Year 5 | New CB | New CB | Year 4 |
| 8 | New CB | Year 2 | Year 3 | Year 3 | Year 3 | Year 4 | Year 4 | Year 5 | Year 5 | New CB | Year 2 | Year 2 |
| 9 | New CB | Year 2 | Year 3 | Year 4 | Year 4 | Year 4 | Year 5 | Year 5 | New CB | New CB | Year 2 | Year 3 |
| 10 | New CB | Year 2 | Year 3 | Year 4 | Year 5 | Year 5 | Year 5 | New CB | New CB | Year 2 | Year 2 | Year 3 |

Repair Issues

- iPad Air 2 Model Glass and the Digitizer are one piece, only made this design one year, cost more to repair both pieces replaced (\$220+)
- Parts for older models are more expensive to repair
- Labor cost to repair increasing due to issues with above items longer to repair
- Students becoming more "carefree" with devices; repairs have increased significantly this year

Current Concerns

- Financial Sustainability Common School Loan (1% rate each year)
 - Capped and would only allow up to three grade levels replaced
- Devices lasting five years; normal wear and tear becoming an issue for some devices in years four and five
- Google and Apple End of Life on most devices five (5) years
- Cost for parts increasing; older the device; type of device
- Managing iPads; filter issues, lack of management of all settings

Leasing / Financial Plan

Replace all existing Chromebook and iPad devices K-12 AND include Accidental Care

- Accidental Care is a one accidental repair for first year
- \$1 buyback program; own devices after lease
- Existing Chromebooks less than 1 year old be given to staff; replace their existing 4 year old device
- Existing Chromebooks 2 years old be used as spares and given to students while their original Chromebook
- Remaining devices, older than 3 years used for other purposes, spare parts, possibly sell back

Device and Repair Options

- Still offer an optional protection plan program that helps cover damage after first accident or other types of damage not covered by accidental plan
- Corporation not giving cases; parents could purchase case for "additional protection"

Textbook / Student Cost

- Estimated Enrollment for 2019-2020 is 4221 students
 - Purchase total 4320 includes 5% growth (from 2018-19 enrollment)
- Individual Device Cost with Accidental Care is \$239.00, plus financing
- Google Licensing purchased for all devices; \$25 per device
- Four year financial program; \$80 per student for 2019-2020
 - We will re-evaluate the cost of insurance in the coming years and the fee for the device could go up or down.
- Increase enrollment over the four years
 - Purchase devices to cover increased enrollment in years 2-4
- Four year program; incoming Kindergarten will inherit the 12th grade device corporation would receive new devices every four years