

Technology Update

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Overall Technology Strategy

Elementary

- Grades K – 2 - iPads
- Grade 3 – iPads or Chromebooks (individual school choice)
- Grades 4 – 5 – Chromebooks – Ultimate goal 1-to-1

Middle School

- Transition 6th grade 1 to 1 to Chromebooks, redeploy iPads
- Utilizing BYOD & school devices get closer to 1-to-1 for grades 7 & 8
- Increase Computer Science offerings thru electives in grades 7 & 8
- Expand use of Google Classroom

High School

- Utilizing BYOD & school devices get closer to 1-to-1
- Increase STEM offerings including expanding Maker-Space
- Expand use of Google Classroom

Purchases for FY 18 – Funding 425K Capital & aprox. \$300K construction

Elementary

- Bishop, Brackett, Hardy, Peirce, and Dallin. Increase Chromebooks 50 – 90 additional. Funds – Capital Committee. Ipads and Chromebooks for teachers at schools scheduled for replacement.
- Stratton 1-to-1 iPads K – 3, Chromebooks 4 & 5. Ipads and Chromebooks for teachers. New projectors ceiling mounted. Sound systems all classrooms. Funding – Construction Budget.
- Thompson add iPads, projectors, and sound systems for additional classrooms to maintain 1-to-1. Four Chromebook carts to facilitate use of iReady. Funding – Construction Budget.
- Licenses for iReady for grades 4 & 5 all elementary schools.

Middle School

- Four additional Chromebook carts. Funding – Capital Committee.
- Additional MacBooks for any new teachers.
- License for iReady for math support classes.

AHS

- For additional Chromebook carts.
- Replacements for 40 teacher devices.

Assistive Technology

- Upgraded devices for 50 students.

Technology Support

- Summer tech university.
- Summer curriculum work involves incorporating technology.
- Additional staffing at OMS .4 instructional tech support, .2 8th grade Computer Science elective.
- Increased Internet capacity to two 250 meg pipes.

FY 19 – Remaining Funding Committed - \$400K and Gibbs Construction Budget

- Replacement of out-dated projectors at 5 elementaries, OMS, and AHS.
- Replacement of teacher devices for 40 AHS teachers and OMS teachers.
- Purchase of 1-to-1 Chromebooks for Gibbs.
- Outfitting of Gibbs classrooms with state of art projector & sound system.
- Creation of Digital Modeling Classrooms at Gibbs.

Concerns for the Future

- Level of instructional technology support below level needed.
- No committed funding from Capital Committee after FY 19.
- Computer Science labs at AHS, Digital Art, and Digital Music labs need to be updated FY 19.
- All iPad 2's will no longer be able to run current version of OS as of September 2017.
- Level of tech support for full district online MCAS technology is below what would be ideal.