1:1 PILOT
PROPOSAL

Maggie L. Walker Governor's School

RATIONALE

Maggie L. Walker Governor's School is a unique school with unique instructional needs. Therefore, this small pilot, to be rolled out during the first semester of the 2017-18 school year, is designed to explore a variety of products and services with the goals of collecting data on which products best meet those instructional needs. Additionally with our small IT staff of two, we need to determine which products provide the management support that will allow for effective deployment and ongoing maintenance. Lastly, this pilot will act as a catalyst to deepen the conversation on establishing "clear and concise" instructional goals for a proposed 1:1 (one-to-one) program.

SUMMARY

This pilot calls for the deployment of <u>three</u> different kinds of devices to fifteen freshmen each for a total of <u>45</u> devices. This deployment would take place at the beginning of the 1st semester in 2017-18 school year and end June 2018. In addition to hardware, this would allow us to pilot the various management systems, updated projector systems, as well as an 'on-demand' high-quality instructional content provider (<u>lynda.com</u>) for 6 months.
Whichever, devices are not selected for a possible expansion of the 1:1 program will be sold back to suppliers, recouping some of the costs.

PROCESS

While the deployment of devices will begin in school year 2017-18, the process must begin in July of the 2016-17 school year in order to ensure a successful outcome. This timeline will help act as a guide for the various pieces of a successful pilot program.

July 2016
- Responsible party to review the technology plan and pilot proposal for clarification.
- Work to establish a robust and fully functioning wifi infrastructure.

Aug. - Dec. 2016
- **Submit revisions to pilot proposal based on network status.**
- *As a result of the extensive work that needed to be done to ensure a robust and fully functioning network infrastructure, we are updating our timeline below.
- Communicate this plan to teachers

Jan. 2017
- Continue to work to establish a robust and fully functioning network infrastructure.
- Work to develop criteria and processes to identify possible 2017-18 freshmen student participants.
- Assemble committee of stakeholders (perhaps an extension of the SAC-technology sub-committee) to function as an advisory committee on the pilot.

Feb. 2017
- Begin training with specific staff and technology integrators about the pilot.
- Responsible party and Coordinator of Instructional Tech. will work to develop a rubric to measure the effectiveness of the various devices being tested.
- Communicate to CURRENT parents and students about pilot program and it's goals through various channels.
- Begin creating document to communicate/request participation for incoming students.
- Begin conversation to ensure home network access for ALL student participants (Foundation grant?)
- Hold a meeting of the 1:1 Pilot Advisory Committee to outline function and goals. This group will meet monthly moving forward.

March 2017
- Communicate to INCOMING parents and students about pilot program and it's goals through various channels.
- Ongoing meeting of the 1:1 Pilot Advisory Committee to advise them of progress and to engage them in a dialogue around the instructional use of technology at Maggie Walker.

April. 2017
- Purchase pilot devices. Develop evaluation tools.
- Begin planning Jun/Aug. training for participating freshmen teachers
- Ongoing meeting of the 1:1 Pilot Advisory Committee to advise them of progress and to engage them in a dialogue around the instructional use of technology at Maggie Walker.

May 2017
- Begin revisions of AUP and creation of new documents for pilot participants

- Develop plan for deployment to students.
- Receive devices.
- Select student participants.
- Create selected student accounts in Active Directory
- Begin planning for student training of participating students during freshmen orientation.
- Ongoing meeting of the 1:1 Pilot Advisory Committee to advise them of progress and to engage them in a dialogue around the instructional use of technology at Maggie Walker.

Jun 2017
- Finish all necessary documents for deployment.
- Install projectors/display models
- Participating teacher training.
- Ongoing meeting of the 1:1 Pilot Advisory Committee to advise them of progress and to engage them in a dialogue around the instructional use of technology at Maggie Walker.
- Begin setting up various device management solutions.

July 2017
- Install projectors/display models

Aug. 2017
- Begin collecting data through student, parent, and faculty interviews and surveys.
- Deploy devices.
- Specific training for participating students and their parents.
- Additional training for selected teacher participants.
- Ongoing meeting of the 1:1 Pilot Advisory Committee to advise them of progress and to engage them in a dialogue around the instructional use of technology at Maggie Walker.
- Participating teacher training.

Sept. - Nov. 2017
- Continue collecting data through student, parent, and faculty interviews and surveys.
- Engage all teachers in ongoing discussions about the possible roll of a 1:1 program.
- Ongoing meeting of the 1:1 Pilot Advisory Committee to advise them of <u>collected data</u> and to engage them in a dialogue around the instructional use of technology at Maggie Walker.

Dec 2017
- Analysis of data.
- Share outcome of pilot and make recommendations to the Administration and board.
- Budget FY19 impact
- Final meeting of the 1:1 Pilot Advisory Committee to develop recommendation regarding an ongoing 1:1 initiative at Maggie Walker in the 2018-19 school year.

May 2018
- Develop plan for collection of devices in early May.

June 2018
- Collection of devices.
- Return/Resell devices not selected for possible program.

BUDGET

The MLWGS school board has budgeted $50.000 for this pilot. The chart below lays out the proposed expenditures.

Quantity	Description	Individual cost	Total cost
16	HP Chromebook 14 (Chrome OS)	$350.00	$5,600.00
16	Google Management Console	$150.00	$2,400.00
16	Lenovo 11.6" YOGA, (WIndows, 4GB, 256GB SSD)	$550.00	$8,800.00
16	HDMI to VGA adaptors	$30.00	$480.00
16	MacBook Air (13-inch/ 1.6GHz i5/8GB/128GB flash	$929.00	$14,864.00
multiple	Classroom projector systems (to be determined later	$2500.00	$2,500.00
multiple	Printing systems	$2500.00	$2,500.00
2	School-wide site licenses of lynda.com (6-month subscriptions)	$3750.00	$7,500.00
TOTAL			**$44,644.00**

EVALUATION

While the specifics of the rubric will be developed in Jan. 2017, the key areas to be measured may include, but are not limited to the following:

- Instructional usability
- Student functionality (at school)
- Student functionality (at home)
- IT Management
- Durability/Battery life
- Ability to connect to peripherals (storage, projection, and printing)