

**RIVERSIDE BROOKFIELD HIGH SCHOOL
DISTRICT 208
RIVERSIDE, ILLINOIS 60546**

MEMORANDUM

TO: Dr. Kevin Skinkis

FROM: Kristin Smetana, Principal

RE: Technology 1:1 Implementation Fall 2015 - 2019

DATE: March 24, 2015

Over the past four years, several steps have been taken to prepare RBHS to become a 1:1 school and achieve our goal of using technology as a tool to enhance student learning and increase student engagement. Our vision is a 1:1 environment creating learning opportunities transcending content and discipline, with endless possibilities of data-driven and differentiated instruction and collaboration of staff and students in a cloud-based environment. The information outlined below demonstrates that RBHS is prepared to roll out the 1:1 initiative with the incoming class of 2019.

Infrastructure

- Google conversion - staff and students have been using G-mail and Google Apps for four years.
- Internet bandwidth - was upgraded to 250 Mbs (2014) and bandwidth controls were put in place to allow faster Internet speed and accommodate more devices on the Internet. A backup Internet bandwidth system was implemented to prevent internet outages. Installed and upgraded wireless access by including access points in classrooms, upgrading access points to support more devices, and adding additional ports to network switches to accommodate additional access points.

Staffing

- Instructional Technology Coordinator (.4 FTE) was added in 2014 to support teachers in incorporating technology into their classroom. Next year this position will increase to .6 FTE and we anticipate the need to make this a 1.0 FTE for the 2016-17 school year as more grade levels have Chromebooks.
- IT support will be increased by making the part-time PC Support Specialist Intern a full-time employee for next year. The cost related to this move is \$12,300 and is include in the overall costs outlined in the Finance section.

Professional Development

- Instructional Technology Coordinator has provided curriculum and instruction support through classroom observations for effective use of technology, weekly workshops on transforming lessons for a 1:1 environment, and individual teacher support.
- This year's professional development preparing faculty includes institutes and quarterly PLCs technology sessions covering: Schoology, Google apps, Web 2.0 tools, Troubleshooting a Google Classroom, Technology as Formative Assessment, The Paperless Classroom, Transform Learning Units through the SAMR model.

- Conferences/Workshops, including Schoology Train-the-Trainer, ICE, Leyden 1:1 visit, and Meg Ormiston (1:1 educational technology consultant).

Finance

- Below are the associated net costs for the 1:1 initiative over the next five years. These figures include \$70 of the \$100 technology fee that the incoming freshmen (Class of 2019) will be assessed.
 - FY2016 \$ 56,464
 - FY2017 \$191,650
 - FY2018 \$145,700
 - FY2019 \$118,000
 - FY2020 \$110,300
 - Total \$662,214
- The breakdown of the \$100 technology fee:

	Current tech		
	fee	Insurance	Chromebook
Year 1	\$30	\$60	\$10
Year 2	\$30	\$0	\$70
Year 3	\$30	\$0	\$70
Year 4	\$30	\$0	\$70
Subtotal	\$120	\$60	\$220
Total	\$400		

Implementation

- The 1:1 initiative will be rolled out starting with the class of 2019 (incoming freshmen). Subsequently, each incoming class will receive devices as freshmen, resulting in every student having a device by the 2018-2019 school year. Carts with additional Chromebooks will be available to teachers who have mixed classes until we fully become a 1:1 school.
- As seniors, students will keep the Chromebook after they graduate from RB.
- Any sophomore or junior student that transfers into RBHS, will be expected to pay for insurance and any missing payments towards the Chromebook. Senior students will have the option to lease a used Chromebook for \$100 or pay the insurance and missing payments towards the Chromebook. Students that transfer out, must return their Chromebook or pay their remaining balance towards their Chromebook.

Transfer in as:	Tech fee for the year	Past insurance Fee	Past Chromebook Fee	Total Technology Fee Assessed	Transfer out as:	Remaining Chromebook Fees Assessed
Freshman	\$100			\$100	Freshman	\$210
Sophomore	\$100	\$49	\$10	\$159	Sophomore	\$140
Junior	\$100	\$39	\$80	\$219	Junior	\$70
Senior	\$100	\$29	\$150	\$279	Senior	\$0