


Dedicated technology for OPRF students (1:1)

Technology Committee meeting
Board Discussion
August 2013

Agenda

- ▶ Purpose
 - ▶ What we provide today
 - ▶ Forces/drivers of this discussion
 - ▶ Questions to be considered
 - ▶ Potential Benefits of 1:1
 - ▶ Potential Costs of 1:1
 - ▶ Board feedback on priority and level of support
 - ▶ Next steps
- 

Purpose of presentation/conversation

- ▶ Bring the Board up to speed on some the issues with moving forward with deploying dedicated technology to students
- ▶ Have a *high level* conversation about this initiative
- ▶ Get the Board's point of view on the priority and level of district support for this initiative
- ▶ Determine next steps

Early in the process; we won't be able to answer all questions at this point

What we provide today

- ▶ Approximately 1000 technology devices available for student use
 - 6 computer labs
 - 6 divisional labs
 - Equipment carts
 - 3 laptop carts
 - 4 iPad carts
 - 2 Chromebook carts
 - Individual assistive technology devices for all students with an IEP that requires one

3:1 (3 students:1 computer)

Forces/drivers of this discussion

- ▶ D90 is currently providing 1:1 technology for its 6–8 grade students
- ▶ Parents have expressed concern that when they come to OPRF they lose the benefit of having this dedicated device supplied by the school district
- ▶ Peer schools are either already providing this technology to their students or are planning to provide it to them in the near term

Others...

Questions to be considered

- ▶ What is the benefit of providing/supporting every student with dedicated technology (1:1)?
- ▶ How will this benefit be measured?
- ▶ What if the benefit isn't realized?
- ▶ How much will this cost?
- ▶ What approach should we use?
- ▶ How quickly should we implement?

These questions will be addressed as the initiative progresses

Potential benefits of 1:1

- ▶ Mostly anecdotal, no uniform agreement that links 1:1 to improved test scores
 - Significant results in Special Education for assistive technology
 - Student engagement benefits
 - Leveling the playing field for students in need
- ▶ However, many of our peer districts are moving forward in this direction
- ▶ What benefit would OPRF assume and how would we measure it? This work has just begun...

Early phase of widespread adoption of 1:1

Costs – Issues to consider

- ▶ Preparation of the faculty
 - What supports will be provided to assure the faculty is ready (equipment, professional development)?
- ▶ Preparation of the OPRF students and families
 - Expectations of the students and families (new procedures, modifications to code of conduct, etc.)
 - Financial impact on families (fees, level of subsidy)
- ▶ Preparation of the infrastructure
 - Base infrastructure is in place – however we need to
 - Increase wireless density to support the significant increase in the number of connected devices
 - Increase the internet bandwidth to support the increase in devices

Potential cost offsets

- ▶ Use of electronic textbooks
- ▶ Offset of computer lab devices – no longer need to purchase and maintain shared student computers

More work needs to be done to complete the financial analysis

Board feedback

2 Questions – Priority and Level of Support

How To Vote via PollEv.com

How do you like my presentation so far?

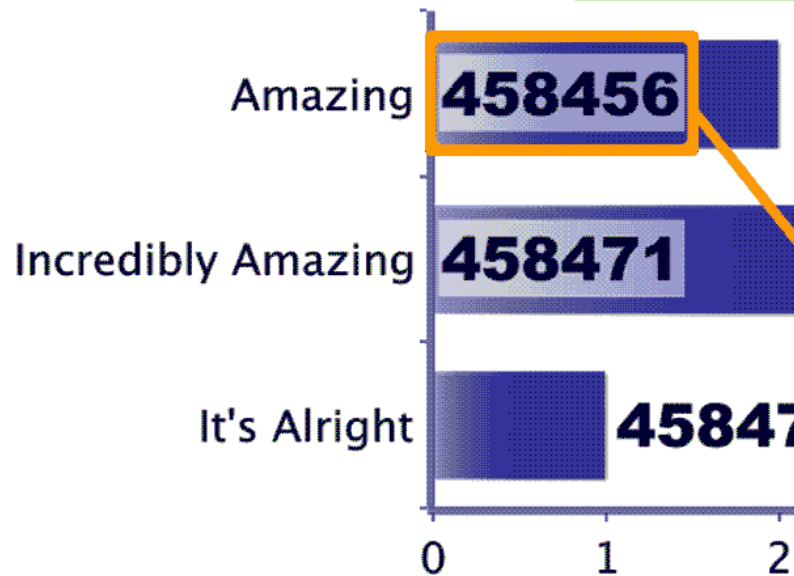
EXAMPLE



Text a **CODE** to **37607**



Submit a **CODE** to **<http://PollEv.com>**



Web Response

458456

Submit response

Login if you're a registered participant.

TIP

Capitalization doesn't matter, but spaces and spelling do

Priority for deployment of 1:1

- ▶ Given competing demands for resources, how would you prioritize providing students with dedicated technology (1:1)?
 - Urgent, begin work immediately
 - Important, make it a priority
 - Nice to have, continue to research and gather information
 - Not a priority at this time

POLL



District support for 1:1 initiative

- ▶ To what extent should the district support providing dedicated technology to students?
 - District should provide the device to all students with no additional fees
 - District should subsidize the cost of the device and charge a reduced fee
 - District should pass through all costs as technology fee

POLL



Next steps

- ▶ Further define benefits
- ▶ Further define costs
- ▶ Report back to Board