

EQUITABLE ACCESS TO
TECHNOLOGY

LAWRENCE
PUBLIC SCHOOLS



BOARD GOAL 2015-16

Deliver quality programs and services-

Investigate, plan and implement measures to ensure the equitable accessibility of technology at school and home with emphasis on portable hot spots , devices for long –term checkout and keeping neighborhood libraries open after hours.

THE NETP IS...



a call
to action



a vision for learning
enabled through
technology



a collection
of recommendations
& real-world examples

WRITTEN FOR...



Teachers



Policymakers



Administrators



Teacher preparation
professionals

MAKING POSSIBLE ...

EVERYWHERE, ALL-THE-TIME LEARNING

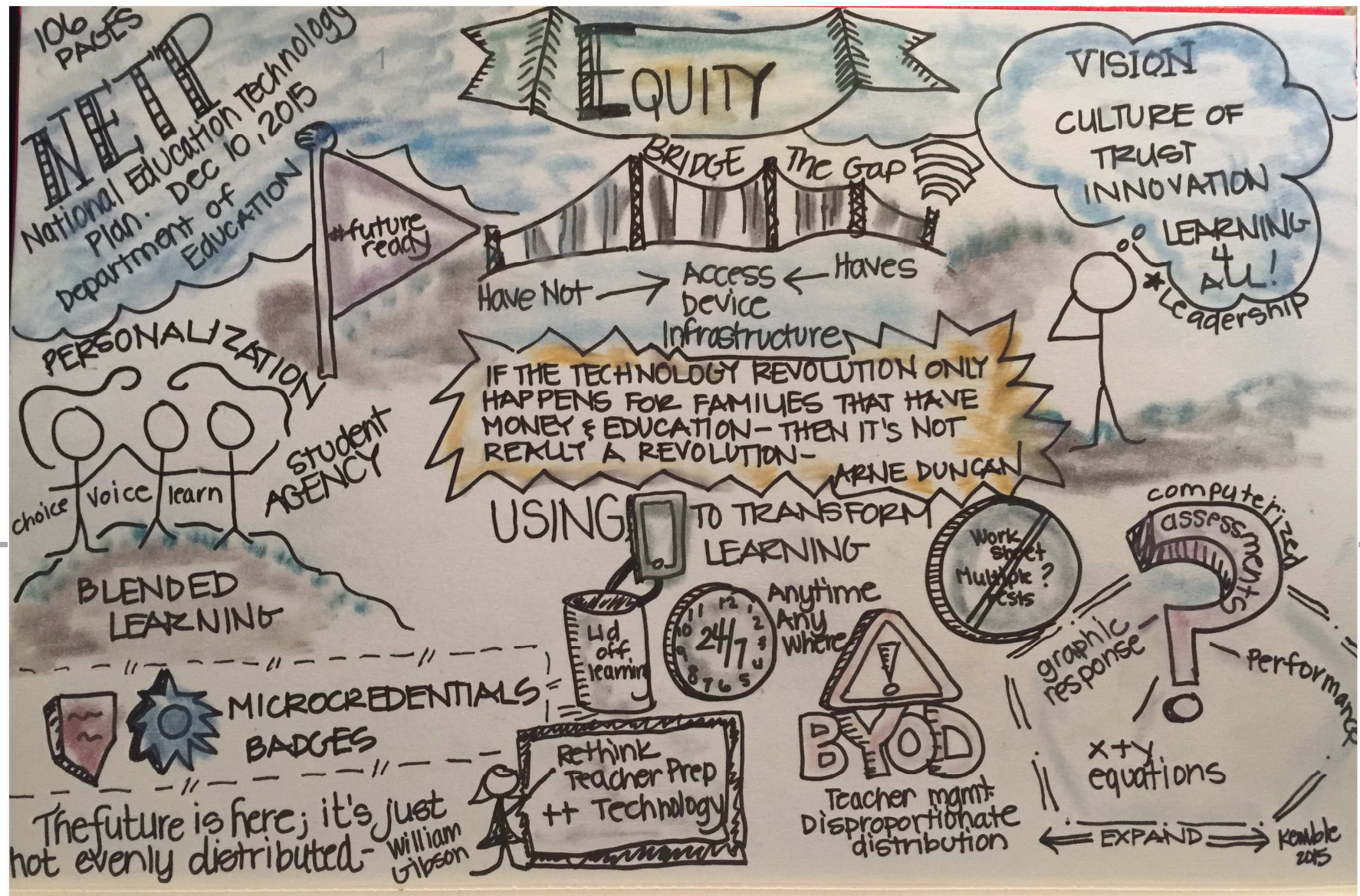


tech.ed.gov/netp

NETP

2010

NATIONAL EDUCATION TECHNOLOGY PLAN DECEMBER 10, 2015

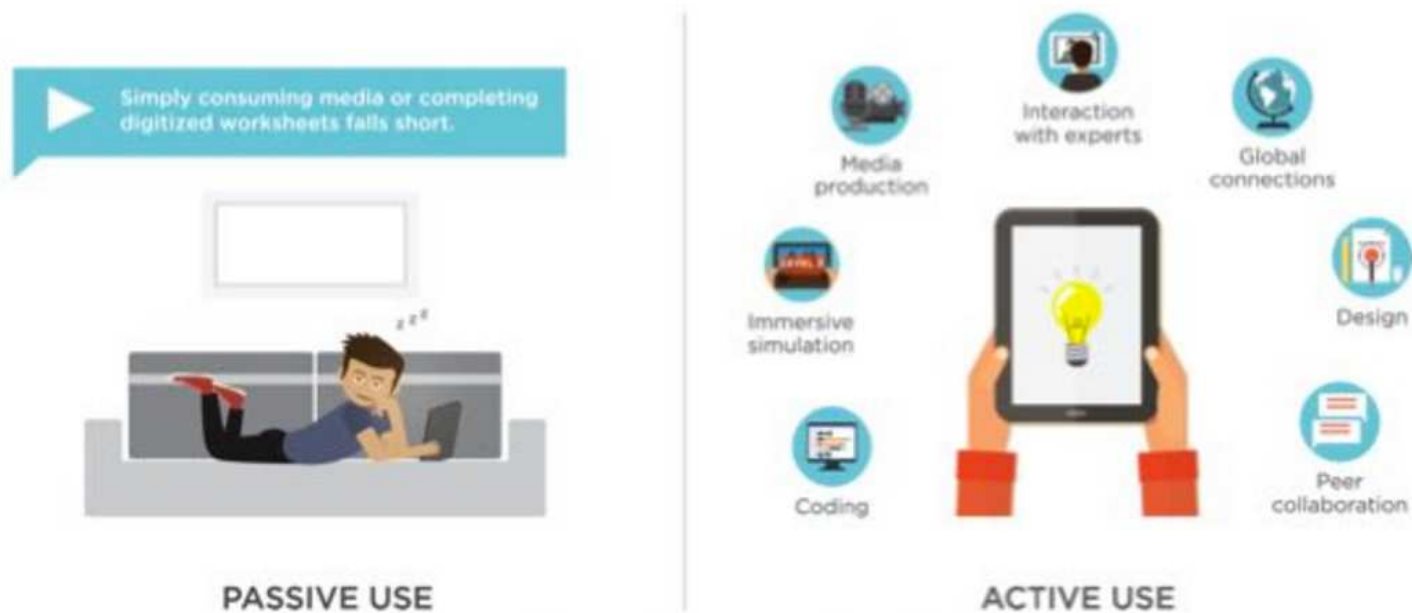


IF THE TECHNOLOGY REVOLUTION
ONLY HAPPENS FOR FAMILIES THAT
HAVE MONEY AND EDUCATION, THEN
IT IS NOT REALLY A REVOLUTION

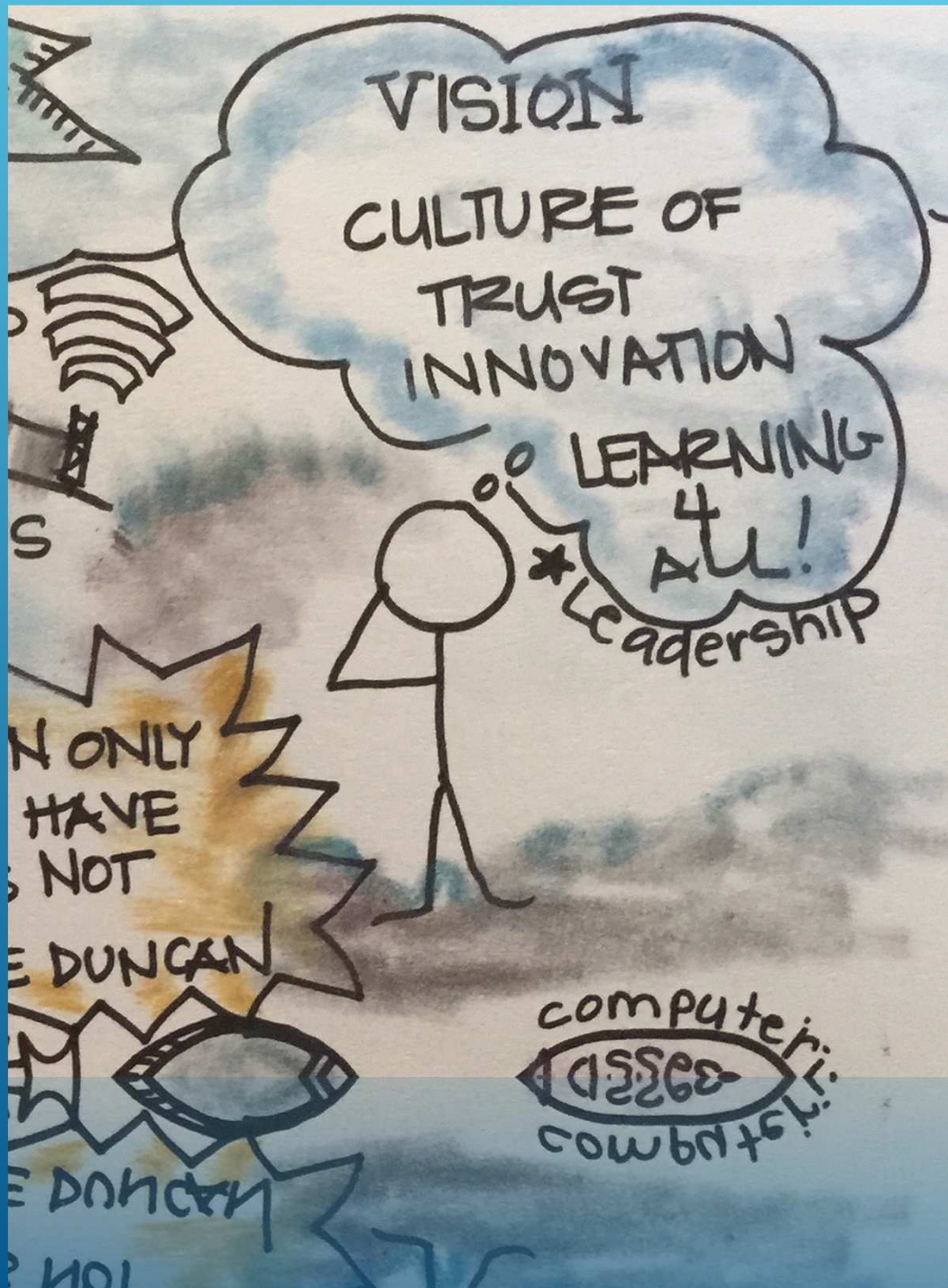
Arne Duncan, U.S. Secretary of
Education

DIGITAL USE DIVIDE

While essential, closing the digital divide alone will not transform learning. We must also close the digital **use** divide by ensuring all students understand how to use technology as a tool to engage in creative, productive, life-long learning rather than simply consuming passive content.



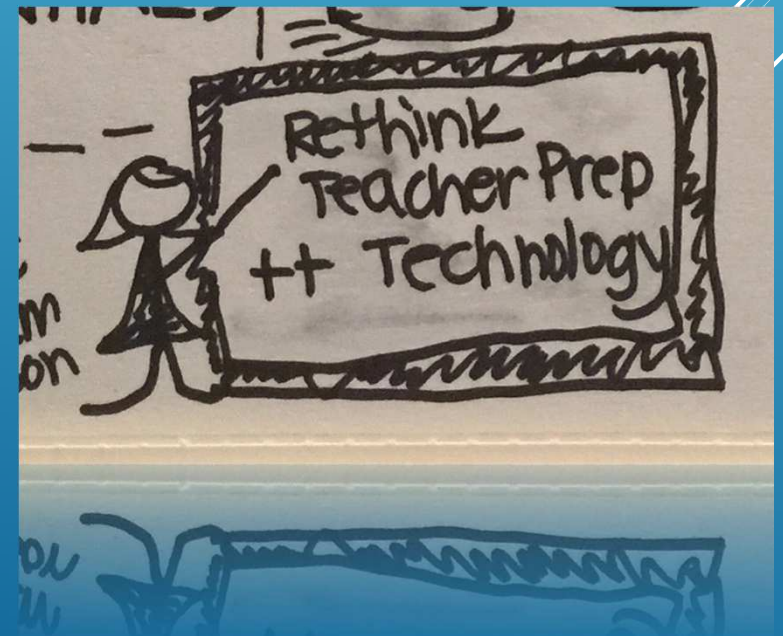
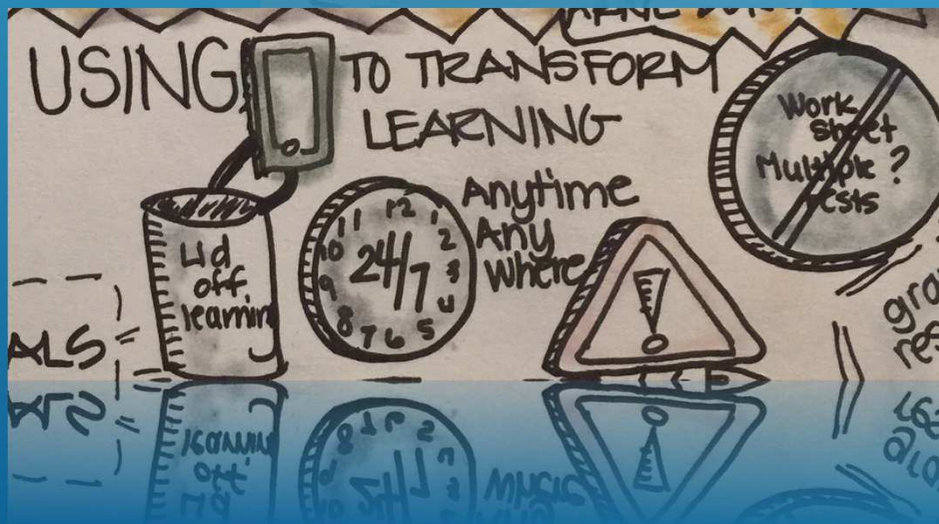
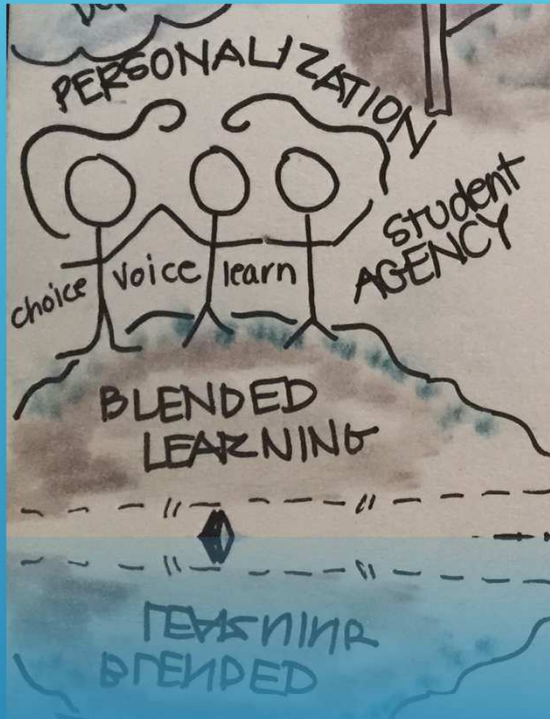
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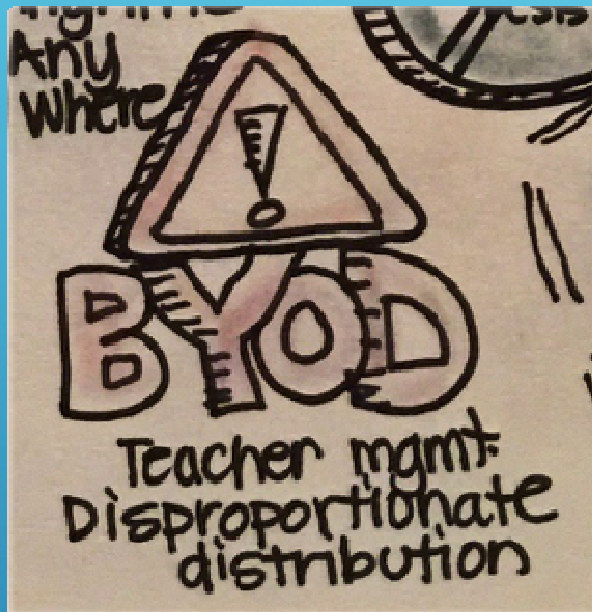


Leadership:

- Infrastructure
- Collaboration
- Vision for
- personalized learning

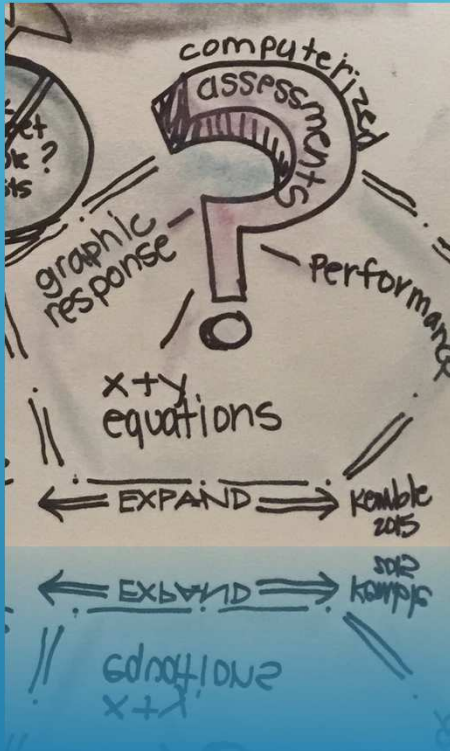
Active Use of Technology










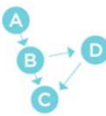






Concerns and
considerations about BYOD
New ways for teachers to learn





FUTURE OF ASSESSMENT

The shift from traditional paper and pencil to next generation digital assessments enables more flexibility, responsiveness, and contextualization.

	TRADITIONAL	NEXT GENERATION
TIMING	 <p>After learning</p>	 <p>Embedded in learning</p>
ACCESSIBILITY	 <p>Limited</p>	 <p>Universally designed</p>
PATHWAYS	 <p>Fixed</p>	 <p>Adaptive</p>
FEEDBACK	 <p>Delayed</p>	 <p>Real Time</p>
ITEM TYPES	 <p>Generic</p>	 <p>Enhanced</p>
ITEM TYPES	 <p>Delayed</p>	 <p>Real Time</p>

THE FUTURE IS
HERE, IT'S JUST
NOT EVENLY
DISTRIBUTED.

William Gibson

FAMILY ACCESS TO TECHNOLOGY

Family Access to School Technology

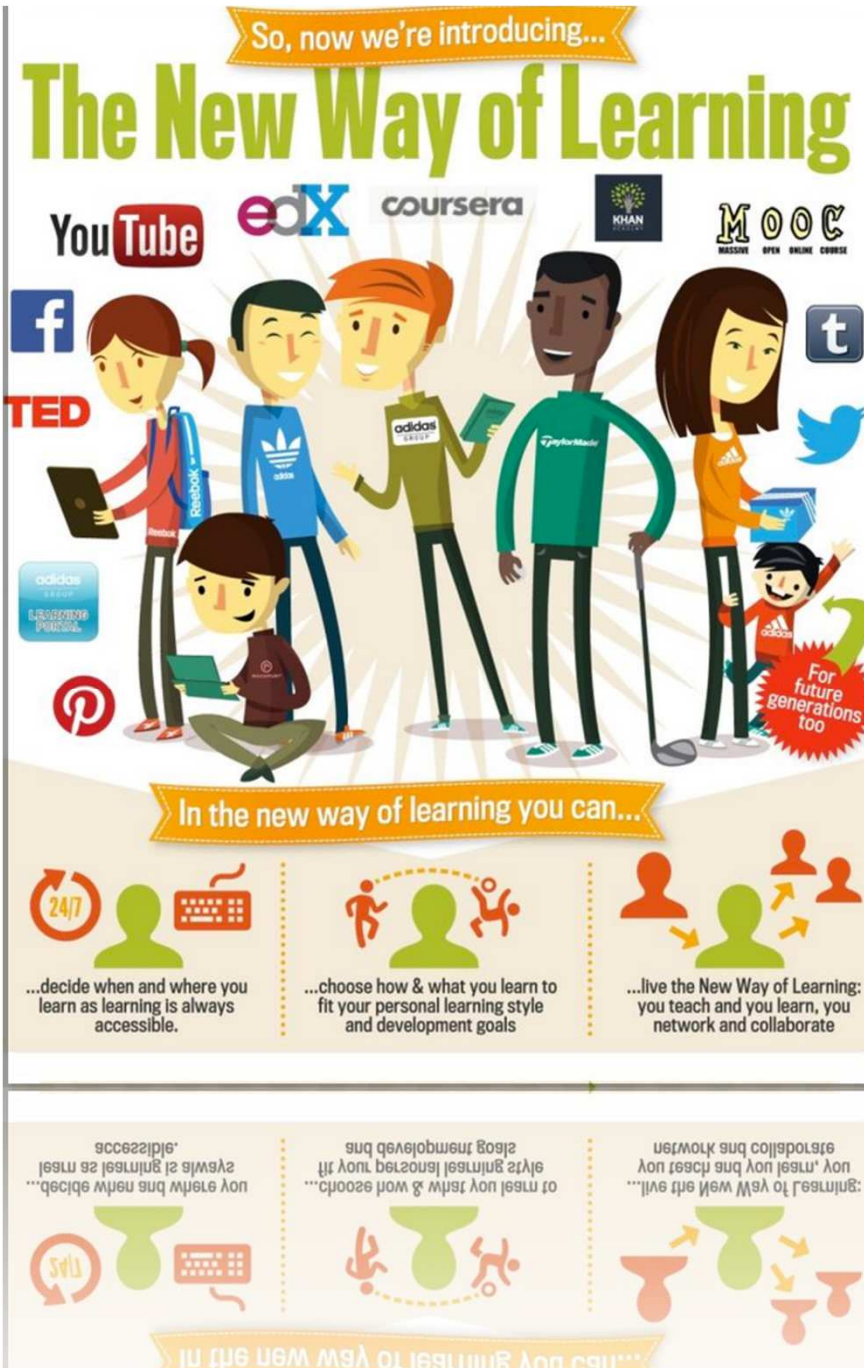


Have Homework? Want to Check Your Child's Grades?

Lawrence Public Schools invite ALL students and parents to access school technology:

- **6:00-7:30 p.m., Tuesdays/Thursdays**
Liberty Memorial Central Middle School, 1400 Massachusetts St.
(Use north entrance to commons area.)
- **3:05-7:00 p.m., Tuesdays**
South Middle School, 2734 Louisiana St.
(Use school library entrance.)

STUDENT CHECK OUT



Douglas County Community Foundation Grant

FREE STATE HIGH SCHOOL

To Date-

25 MacBooks
10 Kajeets
9 Chromebooks

There is a waiting list

Computers available (stationery) in the Library-

Desktops	27
Laptops	5

Devices Available For Student Checkout-

MacBooks
Kajeet Hotspots
Chromebooks

Technology update from LHS Library

December 7, 2015

Yes we have checked out devices!

ChromeBook Stats - As of December 7th our 10 Chromebooks have been checked out 72 times this year. (Three of them have been in repair for most of semester.)



Chromebook Summary

We have 10 Chromebooks. We check them out for a 10 school day period, about 2 weeks. Students then put name on waiting list and start process again.



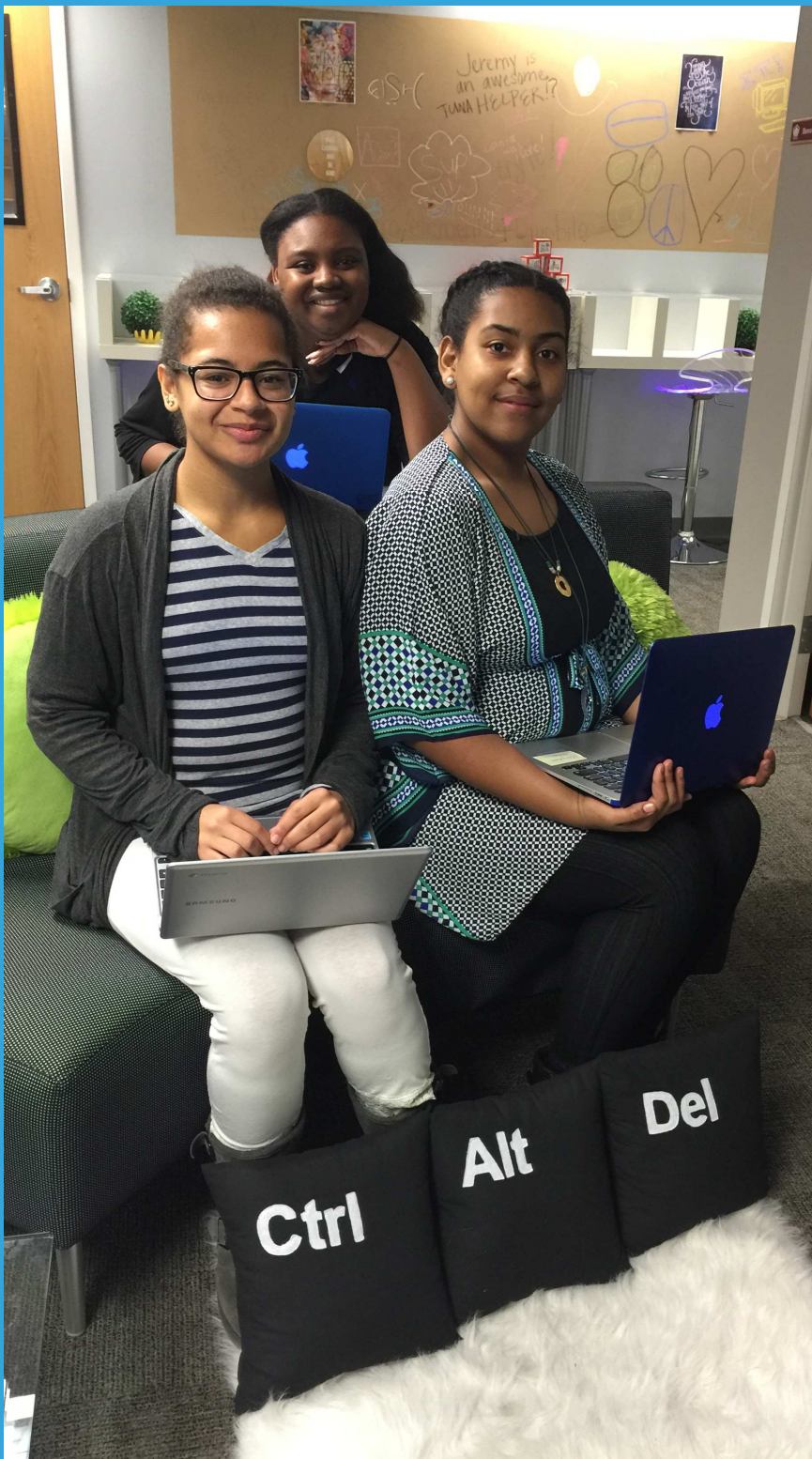
Kajeet Hotspots Summary

The 10 Kajeets have been more popular than the Chromebooks. They have a longer waiting list. They are cataloged through Textbooks so we cannot track every checkout.



MacBook

All 25 of the 11" MacBook Airs are currently checked out. We began checkout with students in AP Push and Algebra classes; then expanded to all student body until we ran out.



THANK
YOU!
Lanice Brown
Joy Taylor
EmmaLea Dailey

RESOURCES

1. U.S. Department of Education. (2013). U.S. Department of Education strategic plan for fiscal years 2014–2018. Washington, DC: Author. Retrieved from <http://www2.ed.gov/about/reports/strat/plan2014-18/strategic-plan.pdf>.
2. Assistive Technology Industry Association. What is assistive technology? How is it funded? Retrieved from <http://www.atia.org/14a/pages/index.cfm?pageid=3859>.
3. American Association of School Administrators, Consortium for School Networking, and National School Boards Association. Leading the digital leap. Retrieved from <http://leaddigitalleap.org>.
4. McConnaughey, J., Nila, C. A., & Sloan, T. (1995). Falling through the net: A survey of the “have nots” in rural and urban America. Washington, DC: National Telecommunications and Information Administration, United States Department of Commerce.
5. Culp, K. M., Honey, M., & Mandinach, E. (2005). A retrospective on twenty years of education technology policy. *Journal of Educational Computing Research*, 32(3), 279–307.
6. Warschauer, M. (2012). The digital divide and social inclusion. *Americas Quarterly*, 6(2), 131–135.
7. Fishman, B., Dede, C., & Means, B. (in press). Teaching and technology: New tools for new times. In D. Gitomer & C. Bell (Eds.), *Handbook of Research on Teaching* (5th ed.).
8. Valadez, J. R., & Durán, R. P. (2007). Redefining the digital divide: Beyond access to computers and the Internet. *The High School Journal*, 90(3), 31–44.
9. Borghans, L., Duckworth, A. L., Heckman, J. J., & ter Weel, B. (2008). The economics and psychology of personality traits. *Journal of Human Resources*, 43(4), 972–1059.
10. Durlak, J. A., Weissberg, R. P., Dymnicki, A. B., Taylor, R. D., & Schellinger, K. B. (2011). The impact of enhancing students’ social and emotional learning: A meta-analysis of school-based universal interventions. *Child Development*, 82(1), 405–432.
11. Spitzer, B., & Aronson, J. (2015). Minding and mending the gap: Social psychological interventions to reduce educational disparities. *British Journal of Educational Psychology*, 85(1), 1–18.