

Technology Plan Annual Update

December 9, 2020

Ellen Dorr, Chief Technology Officer

Dr. Bob Ettinger, Director of Digital Learning



Mission

Each student graduating with options and prepared to participate fully in our democracy.



We serve our students, families, and communities.



We strive for excellence in all that we do.



We remove barriers and pursue outcomes that enable all students to realize their potential and maximize their future opportunities.

2020-2021 STRATEGIC FRAMEWORK

Family & Community Engagement

- Partner with families and our community during in-home learning and transition to in-person learning

Excellence in Learning & Teaching

- Implement inclusive and differentiated teaching practices that promote equitable learning opportunities for all students
- Enhance in-home learning and teaching to better meet students' educational needs

Removing Barriers & Supporting Students

- Support students in developing their social-emotional skills to increase meaningful learning and engagement in the school community
- Support families by providing resources needed for in-home learning
- Employ the Diversity, Equity, and Inclusion Committee and tool to empower critical conversations about equity



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www.renton.k12.wa.us

Technology Levy Budget (in Millions)

Year	Collections	Budget	Expenditures
2016-17	\$8.1	\$15.1	\$12.2
2017-18	\$8.5	\$13.8	\$12.5
2018-19	\$8.8	\$11.9	\$9.6
2019-20	\$9.3	\$10.4	\$10.9*
2020-21	\$11.5	\$13.1	

2020-21 beginning balance (including previous unspent funds) is \$16.1 M

Technology Plan: 2020-21 Priorities

- Supporting 1:1 model in grades 1-3
 - ***Will move to 1:1 in grades K-12 for 2021-22 (likely iPads in grades K-1)***
- Providing home connectivity solutions
- Continuing support for digital learning resources
- **Increasing integration of digital learning support**
- Completing second phase of classroom display modernization (Promethean panels)
- Annual modernization of computers
 - 4,000 in 5th year of service
 - 160 lab computers
- Continuing cyber-security precautions

Technology Access and Support

- Providing **13,785 Chromebooks** to students, **200 iPads** to identified Pre-K and K students, and **1,300 hotspots** to students/families.
- Coordinating with school teams and CBOs to reduce burden on families
- Providing technical support and guidance for digital tools and platforms, with resources for staff on RSDnet



Technology Access and Support

- **Additional Chromebooks**

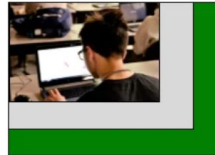
- Arrived to RSD late Nov. 2020
- Distributed to elementary schools to provide to families with students sharing a device
- Will replace older Chromebooks

- **Internet support**

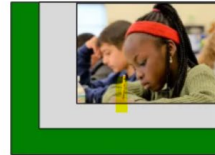
- Offer from OSPI
- Contribution from Amazon into InvestEd Digital Equity Fund
- Partnership with 10 Million Project

FEATURED TECHNOLOGY RESOURCES

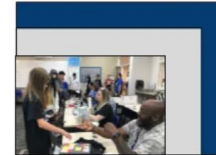
Find more In-Home Learning support information on the [Technology for Student Learning](#) page.



RSD Internet Support
Request



Hotspot Help & FAQ



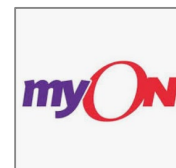
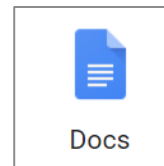
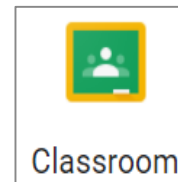
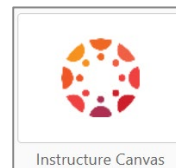
Chromebook Tech
Support



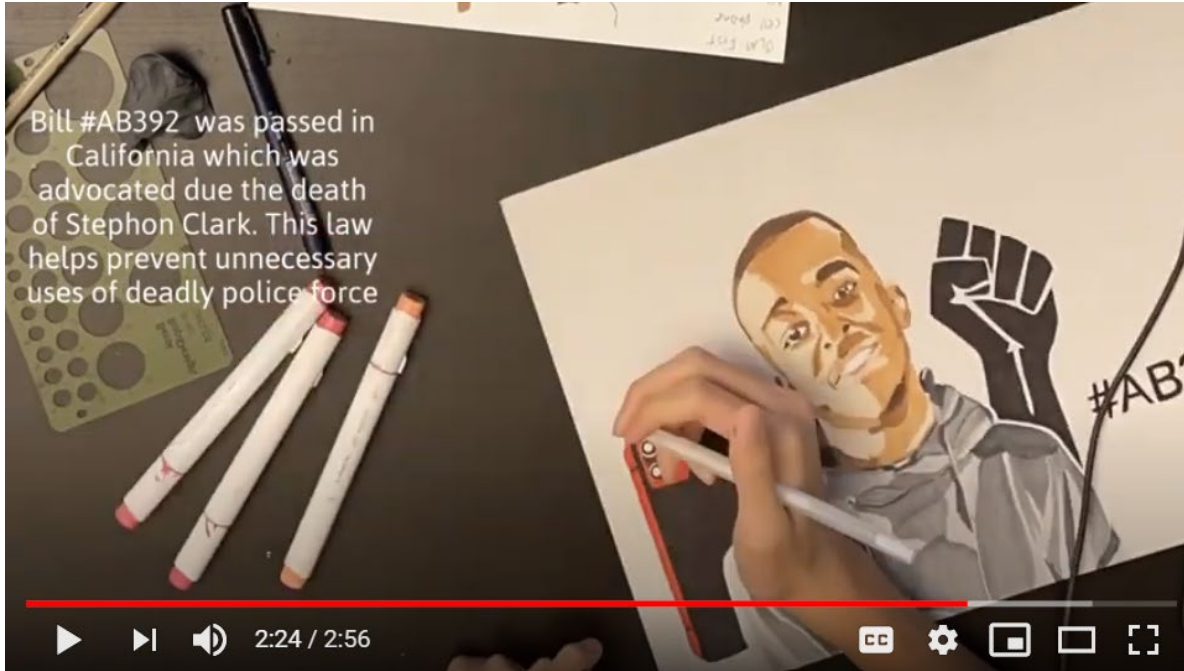
Chromebook Help & FAQ

Student Online Activity

Website	Number of visits, 9/02 - 11/30
Canvas	7,109,074
Google Classroom	7,002,127
Google Docs	3,648,700
Zoom	2,516,243
myON	866,872



PBL (HHS Education Emporium)



Students studied a driving question: **How does art create change?** How does it inspire, educate, and connect? Students set out to find something they wanted to change, using art to do so.

Student Engagement

I can find it!

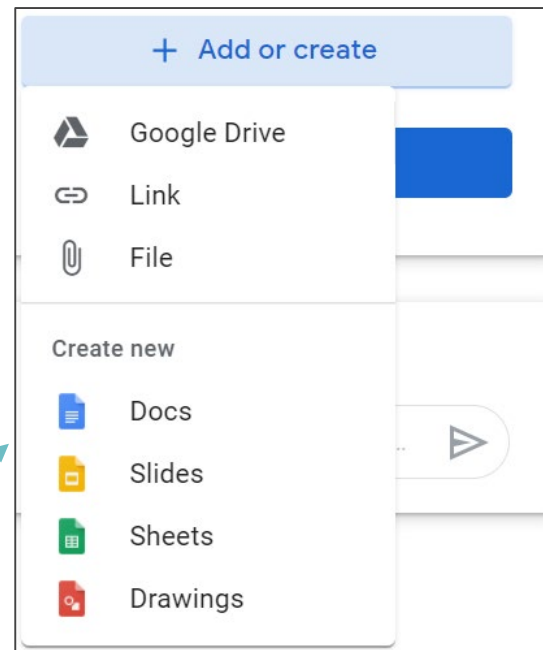
- Resources are clearly organized
- I know where I can find things
- I can do this independently

I can choose it!

- I have some voice and choice
- I feel control of my own learning

I can do it!

- I have confidence to take risks
- I have background knowledge to participate
- I know that my teacher is supporting my work



Student Engagement

I noticed that the person on the red made a halve thing

The one with all the colors is a bar graph and the one on the left is a picture graph.

They share the same information.

I notice that there giving the same information

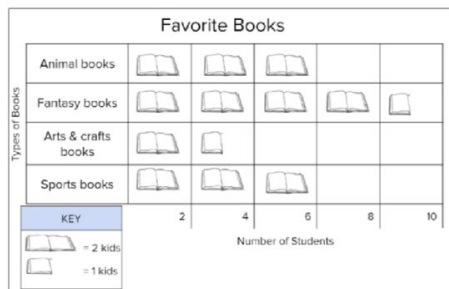
there is a picture graph and a bar graph

I noticed that both of them have the same number of data and there both the same

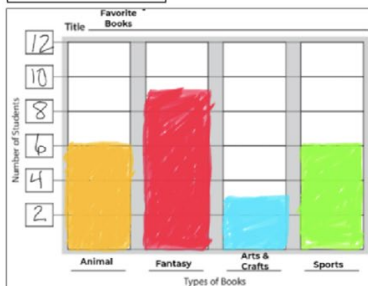
I notice that both graphs have the same information

Compare the graphs. What do you notice?

Picture Graph



Bar Graph



I notice that one of them has books and one has bars

I notice that they have the same answer

I notice that blue is the smaller then green

I notice that in the picture graph that they are using pictures, and in the bar graph they use bars.

I notice that they are making the same stuff

I notice that they are both the same

I also noticed that there are two graphs

I notice that one is a picture graph

I notice that they are both the same

They are the same stuff but represented differently

I notice that they are using the same information.

There is the same data, except one is a picture graph and the other is a bar graph.

I think the bar graph is more efficient

one is books and the other is color -wakie

They are the same information.

two commenting on your previous posts :) You may want to scroll down and see who has looked at your work and respond back to them. -Mrs ●

PS. Remember to put your name in your comment as well if it doesn't automatically pop up :)

Add comment

$225 \div 5 = 45$
 $5 \times 40 = 200$
 $5 \times 25 = 125$

1 comment

I notice that your work is very organized Juja! I wonder what your work would look like on an open array...?

Add comment

1 comment

I notice you used circles and dots as a strategy. I also noticed that you were flexible as the circles weren't big enough for some of your ones but made it work, nice job!

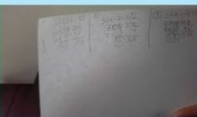
Add comment

258 divided by 6=43



Add comment

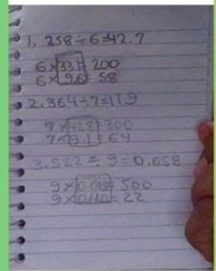
s work



1 comment

I notice how organized your work is. That makes it really easy for me to follow your thinking. I'd like to give you a few challenge problems. *There's no division symbol so I used a "/" instead. 1107/3, 3945/5, 8883/9

s math work



1 comment

ISTE (LHS example)

Students researched issues in WA State justice system, compared to other states/countries, proposed solutions and wrote letters to senators

11B Final Assessment

Home

Community Building

De-Escalation

Encourages Diversity

Letter to Senator

Citations

The Honorable Senator Bob Hasegawa

Room JAC 223 Cherberg Building Olympia, WA 98504-0411

RE: languages in law enforcement

Dear Senator Hasegawa:

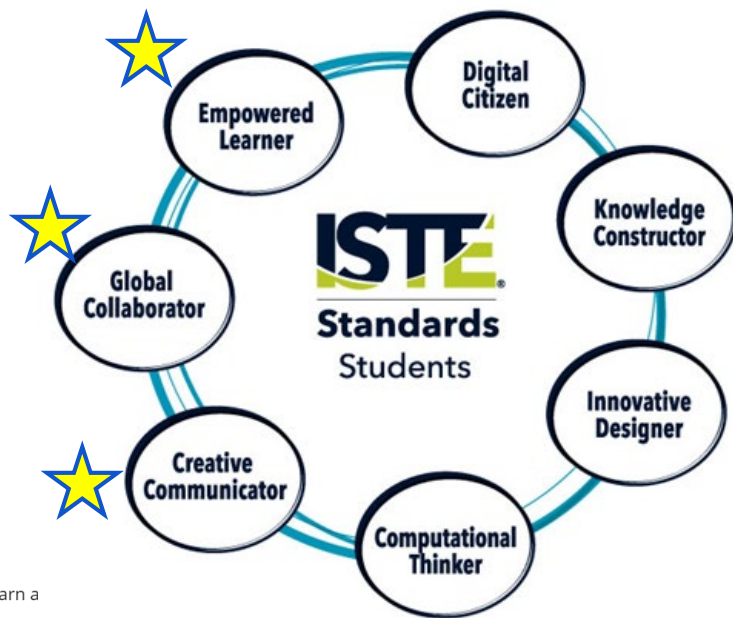
My name is [REDACTED] and I am a student of Lindbergh High School who resides in your district.

My proposal is that all officers in police academy and those currently working should be required to learn a new language, take a diversity and inclusion class, and study the culture behind the language.

Learning a new language, specifically calming sentences and the Miranda Rights, would build a better and more trusting relationship between a diverse community and the police. It would help de-escalate intense situations where there is a language barrier and finally it would encourage others who are diverse to feel comfortable being around law enforcement or even become part of the law enforcement themselves.

"more than 1 in 5 U.S residents speak another language at home, that's about 62 million"

that is 62 million people that might not feel comfortable around the police, 62 million chances of a situation going bad, 62 million chances of someone ending up hurt. there are 62 million people who do not feel represented by law enforcement. shouldn't that change?



What is the most exciting learning happening during in -home learning?

- The advances in **student agency** that I've seen as students **learn to solve problems** (academic, technological, organizational) on their own.
- Students are working on their **fitness skills** balancing, eye hand coordination such as juggling, and locomotor skills such as jumping, leaping, skipping and hopping. All this is happening in living rooms, kitchens and 'right-at- school' programs around the district.
- **Science** (conducting experiments, gathering data) and **creating** different things with technology (slides, recordings, etc.)
- My third graders are **better and more thoughtful researchers** than any other year I have taught because they are comfortable with accessing different sources.
- Watching students **partner-read via Zoom** has been a very sweet thing to see. :)

What are students experiencing?

- Computer coding and independence. I think that this is closer to **what college is going to be like** so the independence of how we get to classes is so important. (11th grade student, Talley High)
- **Face to face virtual communication** is really important to my success. I don't like emailing so zoom has been really helpful. (12th grade student, Talley High)
- When we go to **breakout rooms** it is a very nice moment to talk about **math**. (4th grade student, Tiffany Park)
- My students are getting great at **time management**, even 1st and 4th graders! (Collected from FACE workgroup)
- My student is **using tools [Canvas] that will be used in college**, so this is great preparation. (FACE)

Questions?

