
Auburn Enlarged City School District
Learning Technologies Grant – Supporting Documents and Artifacts
June 2019

Executive Summary

Based on the information provided in the attached supporting documents, the Auburn Enlarged City School District (AECSD) has been working on the following in preparation for the anticipated new Digital Standards and to comply with the objectives of its Learning Technologies Grant:

1. Mapping out **digital literacy standards**.
2. **Digital Citizenship** classes addressing the topics of Relationships & Communication, Privacy and Security, Cyberbullying/Digital Drama, Information Literacy, and Self-Image & Identity for students grades 3-6.
3. Building **Typing** proficiency through typing clubs at all District buildings.
4. Providing teachers multiple District-wide and smaller **training sessions** to increase their skill using a variety of software, hardware, online platforms, and other classroom tools, including: ActivCast and ActivInspire, Google integration, Promethean Panel, Windows 10, 3D Printing, iMovie, Makey Makey, TinkerCAD, and many, many more.
5. **Communicating with students' parents** about how the Innovation Lab makerspaces will be integrated into their children's education.
6. **Creating a Digital Teaching and Learning District Leadership Team** and engaging that team in planning.
7. **Training students** how to use the Promethean Panels in their classrooms.

Please see attached for more details.

Supporting Documents and Artifacts

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| 3rd Grade Digital Citizenship | | | | | |
|---------------------------------|---------------------|--|--|---|---|
| Category | Time Frame | Essential Questions and Understandings | Lesson | Additional Resources | Other Suggestions |
| Relationships and Communication | September - October | What's the difference between Internet friends and in-person friends? | Talking Safely Online https://www.commonsense.org/education/lesson/talking-safely-online-3-5 | Educator Toolkit for Social Emotional Learning https://www.commonsense.org/education/toolkit/social-emotional-learning | Taught by classroom teacher |
| Privacy and Security | November - December | How can a strong password protect your private information? | Strong Passwords https://www.commonsense.org/education/lesson/strong-passwords-3-5 | Digital Passport https://www.commonsense.org/education/lesson-plans/digital-passport | Taught by classroom teacher |
| Cyberbullying/ Digital Drama | January - February | What should you do when someone uses mean or scary language on the Internet? | The Power of Words https://www.commonsense.org/education/lesson/the-power-of-words-3-5 | Anti-Cyberbullying Toolkit https://www.commonsense.org/education/cyberbullying-toolkit | Taught by classroom teacher with SRO/social worker follow up. |
| Information Literacy | March - April | Which keywords will give you the best search results? | The Key to Keywords https://www.commonsense.org/education/lesson/the-key-to-keywords-3-5 | News & Media Toolkit https://www.commonsense.org/education/toolkit/audience/news-media-literacy-3-5 | Initial concept/lesson taught in library with classroom follow-up in relation to classroom research projects. |
| Self-Image & Identity | May - June | How do we learn stereotypes of boys and girls from media messages? What kinds of responsibilities does a good digital citizen have? | Selling Stereotypes https://www.commonsense.org/education/lesson/selling-stereotypes-3-5 | Rings of Responsibility https://www.commonsense.org/education/lesson/rings-of-responsibility-3-5 | Taught by classroom teacher |

Additional Digital Resources --Explore these resources as needed to follow up on the main lessons or to support Digital Citizenship teachable moments!

| Digital Resource | Description |
|--|---|
| <p><u>Think Before You Link-Intel Security Digital Safety Program</u> http://www.discoveryeducation.com/DigitalSafety/</p> | <p>Interactive curriculum resources on cybersafety, cybersecurity, and cyberethics. Lessons on stranger danger awareness, malware and malicious websites, and cyberbullying.</p> |
| <p><u>Digital Citizenship Toolkits</u> https://www.common sense.org/education/toolkits</p> | <p>Social and emotional learning (SEL), News & Media Literacy, Device Free Dinner (benefits of a balanced digital lifestyle), Anti-Cyberbullying, Gender and Digital Life</p> |
| <p><u>Infographics and Teaching Posters</u> https://www.common sense.org/education/posters</p> | <p>Posters also available for download in Spanish.</p> |
| <p><u>Interland</u> https://beinternetawesome.withgoogle.com/en/interland</p> | <p>Key lessons of digital safety transformed into hands-on practice with four challenging games</p> |
| <p><u>BrainPOP</u> https://www.brainpop.com/technology/communications/cyberbullying/</p> | <p>In this BrainPOP movie, with additional resources, lessons, and activities, Tim and Moby take on cyberbullies and demonstrate different strategies for keeping online experiences pleasant and safe.</p> |
| <p><u>Citizenship in the Digital Age - Sample Lesson Plans (2016)</u> http://nycdoe.libguides.com/ld.php?content_id=21081397_plans_for_grades_1-12</p> | <p>Created by New York City school librarians, for use by school librarians and teachers, these lessons offer beginning guidance to all those in the field addressing the needs of 21 century students.</p> |
| <p><u>Parent Concerns</u> https://www.common sensemedia.org/parent-concerns</p> | <p>Videos addressing parent concerns like YouTube use, appropriate screen time limits, etc. Related articles, FAQs and similar videos are included.</p> |
| <p><u>#DeviceFreeDinner (Family Engagement)</u> https://www.common sensemedia.org/device-free-dinner#</p> | <p>Dubbed “A Movement for Happier, Healthier Kids”, these resources encourage families to get on board with tips for a balanced digital life.</p> |
| <p><u>Checkology</u> https://checkology.org/</p> | <p>Using real-world examples, leading journalists and digital media experts guide students through interactive multimedia lessons.</p> |
| <p><u>Fakebook</u> http://www.classtools.net/FB/home-page</p> | <p>"Fakebook" allows teachers and students to create imaginary profile pages for study purposes.</p> |
| <p><u>Digital Citizenship Outdoors Guide</u> http://docs.wixstatic.com/ugd/f6bccd_36fe23520a7d4733a8541d4ad89f1c97.pdf</p> | <p>Quick guide on responsible technology use while exploring the outdoors.</p> |

Additional Literary Resources-- Ask your Library Media Specialist!

| Title and Author | Description |
|--|--|
| <u>Nerdy Bird Tweets</u> Aaron Reynolds | Spending all his time online using social media, Nerdy Birdy neglects his friend Vulture then he damages his relationship by uploading an unflattering picture of Vulture without her consent. |
| <u>Two Truths and a Lie</u> Ammi-Joan Paquette | Ten case scenarios, each scenario contains three stories. Two are fact, one is a lie and it's up to the reader to figure it out. |
| <u>Bully</u> Patricia Polacco | Sixth graders Lyla and Jamie, both new to their school, stand up for each other when a clique of popular girls bullying them online. |
| <u>The Fabulous Friend Machine</u> Nick Bland | Popcorn is an extremely positive and friendly chicken. She interacts beautifully with her real life friends, but is then engrossed in a digital device she finds, continually replying to messages while not knowing who they are from. Popcorn invites these unknown characters to her house as she thinks they are being her friend. She quickly realises that when they turn up, they are wolves that want to eat her. Popcorn is very lucky her real friends come to save her from the wolves. |
| <u>The Technology Tail: a Digital Footprint Story</u> Julia Cook | The Technology Tail uses the analogy of a tail as a digital footprint. For each positive online interaction your tail grows stronger, but for every negative interaction, your tail receives a tear, scratch, or bruise. It reinforces the fact that everything you post on the internet is always going to be there, which means future employees will be able to view your online interactions and potentially decide to give you a job or not based on your tail. |
| <u>Troll Stinks!</u> Jeanne Willis | Billy Goat and his best friend Cyril are messing about with the farmer's mobile phone, taking selfies and playing games... until they find the number for a troll. Their Grandpa Gruff says trolls are bad, so Billy and Cyril decide to get their own back by sending mean messages. After all, trolls really do stink! Don't they? |
| <u>Tek: The Modern Cave Boy</u> Patrick McDonnell | Tek is a cave boy in love with tech: his tablet, videogames, phone, and TV keep him deep in his cave, glued to his devices, day in and day out. He never sees his friends or family anymore--and his ability to communicate has devolved to just one word: "UGH"! Can anyone in the village convince Tek to unplug and come outside into the big, beautiful world? |

| 4th Grade Digital Citizenship | | | | | |
|---------------------------------|---------------------|---|---|---|--|
| Category | Time Frame | Essential Questions and Understandings | Lesson | Additional Resources | Other Suggestions |
| Relationships and Communication | September - October | How do you create a positive online community? What's the difference between Internet friends and in-person friends? | Digital Citizenship Pledge https://www.commonsense.org/education/lesson/digital-citizenship-pledge-3-5 Talking Safely Online https://www.commonsense.org/education/lesson/talking-safely-online-3-5 | Educator Toolkit for Social Emotional Learning https://www.commonsense.org/education/toolkit/social-emotional-learning | Taught by classroom teacher |
| Privacy and Security | November - December | How do you know if a website protects your private information? | Privacy Rules https://www.commonsense.org/education/lesson/privacy-rules-3-5 | Digital Passport https://www.commonsense.org/education/lesson-plans/digital-passport | Taught by classroom teacher |
| Cyberbullying/ Digital Drama | January - February | What is cyberbullying, and how do you deal with it? | What is Cyberbullying? https://www.commonsense.org/education/system/files/3-5-unit3-whatscyberbullying.pdf?x=1 | Anti-Cyberbullying Toolkit https://www.commonsense.org/education/cyberbullying-toolkit | Taught by classroom teacher with SRO/social worker follow up. |
| Information Literacy | March - April | How are websites useful tools for the user and for their creators? | Exploring Websites https://curriculum.code.org/csd-18/unit2/1/ | How to Cite a Site? https://www.commonsense.org/education/lesson/how-to-cite-a-site-3-5 | Initial concept/lesson taught in library with classroom follow-up for classroom research projects. |
| Self-Image & Identity | May - June | How can photos be changed on the computer, and how can that affect your feelings about the way you look? | Picture Perfect https://www.commonsense.org/education/lesson/picture-perfect-3-5 | My Media https://www.commonsense.org/education/system/files/6-8-unit2-my-media-2017.pdf?x=1 | Taught by classroom teacher |

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| <p><u>Think Before You Link-Intel Security Digital Safety Program</u> http://www.discoveryeducation.com/DigitalSafety/</p> | <p>Interactive curriculum resources on cybersafety, cybersecurity, and cyberethics. Lessons on stranger danger awareness, malware and malicious websites, and cyberbullying.</p> |
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| <p><u>BrainPOP</u> https://www.brainpop.com/technology/communications/cyberbullying/</p> | <p>In this BrainPOP movie, with additional resources, lessons, and activities, Tim and Moby take on cyberbullies and demonstrate different strategies for keeping online experiences pleasant and safe.</p> |
| <p><u>Citizenship in the Digital Age - Sample Lesson Plans (2016)</u> http://nycdoe.libguides.com/ld.php?content_id=21081397_plans_for_grades_1-12</p> | <p>Created by New York City school librarians, for use by school librarians and teachers, these lessons offer beginning guidance to all those in the field addressing the needs of 21 century students.</p> |
| <p><u>Parent Concerns</u> https://www.common sense media.org/parent-concerns</p> | <p>Videos addressing parent concerns like YouTube use, appropriate screen time limits, etc. Related articles, FAQs and similar videos are included.</p> |
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| <p><u>Fakebook</u> http://www.classtools.net/FB/home-page</p> | <p>"Fakebook" allows teachers and students to create imaginary profile pages for study purposes.</p> |
| <p><u>Digital Citizenship Outdoors Guide</u> http://docs.wixstatic.com/ugd/f6bccd_36fe23520a7d4733a8541d4ad89f1c97.pdf</p> | <p>Quick guide on responsible technology use while exploring the outdoors.</p> |

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| <p><u>Two Truths and a Lie</u> Ammi-Joan Paquette</p> | <p>Ten case scenarios, each scenario contains three stories. Two are fact, one is a lie and it's up to the reader to figure it out.</p> |
| <p><u>Bully</u> Patricia Polacco</p> | <p>Sixth graders Lyla and Jamie, both new to their school, stand up for each other when a clique of popular girls bullying them online.</p> |
| <p><u>The Fabulous Friend Machine</u> Nick Bland</p> | <p>Popcorn is an extremely positive and friendly chicken. She interacts beautifully with her real life friends, but is then engrossed in a digital device she finds, continually replying to messages while not knowing who they are from. Popcorn invites these unknown characters to her house as she thinks they are being her friend. She quickly realises that when they turn up, they are wolves that want to eat her. Popcorn is very lucky her real friends come to save her from the wolves.</p> |
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| <p><u>Troll Stinks!</u> Jeanne Willis</p> | <p>Billy Goat and his best friend Cyril are messing about with the farmer's mobile phone, taking selfies and playing games... until they find the number for a troll. Their Grandpa Gruff says trolls are bad, so Billy and Cyril decide to get their own back by sending mean messages. After all, trolls really do stink! Don't they?</p> |
| <p><u>Tek: The Modern Cave Boy</u> Patrick McDonnell</p> | <p>Tek is a cave boy in love with tech: his tablet, videogames, phone, and TV keep him deep in his cave, glued to his devices, day in and day out. He never sees his friends or family anymore--and his ability to communicate has devolved to just one word: "UGH"! Can anyone in the village convince Tek to unplug and come outside into the big, beautiful world?</p> |

| 5th Grade Digital Citizenship | | | | | |
|---|---------------------|---|--|--|---|
| Category | Time Frame | Essential Questions and Understandings | Lesson | Additional Resources | Other Suggestions |
| Relationships and Communication | September - October | How can people help others be good digital citizens? | Super Digital Citizen https://www.commonsense.org/education/lesson/super-digital-citizen-3-5 | <ul style="list-style-type: none"> ● It's Cool to Be Kind. Google's Be Internet Awesome Curriculum ● Social and Emotional Learning Toolkit from Common Sense Media | |
| Privacy and Security | November - December | How do you know if a website protects your private information? | Privacy Rules https://www.commonsense.org/education/lesson/privacy-rules-3-5 | <ul style="list-style-type: none"> ● Secure Your Secrets. Google's Be Internet Awesome Curriculum ● Effective Ways to Protect Your Privacy. Lesson from NYC SLS | |
| Information Literacy | January - February | With so much digital information available, how do we determine what's credible, accurate and reliable? | CARP Test https://ccconline.libguides.com/c.php?g=242130&p=2185475 | <ul style="list-style-type: none"> ● How to Spot Fake News. Lesson from Common Sense Media ● Don't Fall for Fake. Google's Be Internet Awesome Curriculum | Initial concept/lesson taught in library with classroom follow-up. |
| Cyberbullying/Digital Drama | March - April | What is cyberbullying, and how do you deal with it? | What's Cyberbullying? https://www.commonsense.org/education/lesson/whats-cyberbullying-3-5 | <ul style="list-style-type: none"> ● The Power of Words. Lesson from Common Sense Media | Taught by classroom teacher with SRO/social worker follow up. |
| Information Literacy, Creative Credit and Copyright | May - June | How can people show respect for others' work? | Whose is it, Anyway? https://www.commonsense.org/education/lesson/whose-is-it-anyway-3-5 | <ul style="list-style-type: none"> ● How to use sources responsibly. Lesson from NYC SLS | Biography Research Paper Initial concept/lesson taught in library with classroom follow-up.. |

Additional Digital Resources --Explore these resources as needed to follow up on the main lessons or to support Digital Citizenship teachable moments!

| | |
|--------------------------------|--|
| Internet Safety | <p>https://educators.brainpop.com/bp-topic/cyberbullying/</p> <p>10 useful apps, games, and videos for Internet Safety</p> <p>NetSmartz</p> <p>10 Digital Citizenship Activities</p> |
| Privacy & Security | <p>https://www.commonsense.org/education/system/files/6-8-unit2-mymedia-2017.pdf?x=1</p> |
| Relationships & Communication | <p>Catfished</p> <p>https://www.commonsense.org/education/lesson/the-reality-of-digital-drama-6-8</p> <p>https://ny.pbslearningmedia.org/resource/dgn09.la.rv.visual.elements.salifeonline/life-online/#.W2sxh6czrrc</p> |
| Cyberbullying & Digital Drama | <p>Cyberbullying Suicide Case</p> <p>Cyberbullying Laws</p> <p>https://educators.brainpop.com/bp-topic/cyberbullying/</p> <p>http://snap.caybores.org/index.php/snap/search/simple#searchMod=defType%3</p> |
| Digital Footprint & Reputation | <p>https://code.org/curriculum/course2/18/Teacher</p> <p>https://www.commonsense.org/education/system/files/uploads/classroom-curriculum/6-8-unit3-trilliondollarfootprint.pdf?x=1</p> |
| Self-image & Identity | <p>https://www.commonsense.org/education/system/files/6-8-unit2-mymedia-2017.pdf?x=1</p> |
| Information Literacy | <p>https://www.commonsense.org/education/system/files/uploads/classroom-curriculum/6-8-unit3-identifyinghighqualitysites-2015.pdf?x=1</p> |
| Creative Credit & Copyright | <p>https://www.commonsense.org/education/system/files/uploads/classroom-curriculum/6-8-unit1-acreatorsrights.pdf?x=1</p> |

| 6th Grade Digital Citizenship | | | | | |
|---|---------------------|---|---|---|--|
| Category | Time Frame | Essential Questions and Understandings | Lesson | Additional Resources | Other Suggestions |
| Relationships and Communication | September - October | What is the place of digital media in our lives? | Digital Lives https://www.common sense.org/education/lesson/digital-life-101-6-8 | <ul style="list-style-type: none"> ● It's Cool to Be Kind. Google's Be Internet Awesome Curriculum ● The Reality of Digital Drama. Lesson from Common Sense Media. ● Safe Online Talk. Lesson from Common Sense Media. | Taught by classroom teacher |
| Privacy and Security | November - December | How do we keep our digital lives safe? How can we identify cyber scams? | NOVA Cybersecurity Lesson Plan Watch this video and discuss questions: https://mass.pbslearningmedia.org/resource/nvcy-sci-cyber101/cybersecurity-101/#.W3LW8sh96UI Cyber security game to reinforce concepts: https://mass.pbslearningmedia.org/resource/nvcy-sci-cyberlab/nova-cybersecurity-lab/#.W3LXDsh96UI | <ul style="list-style-type: none"> ● Secure Your Secrets. Google's Be Internet Awesome Curriculum ● Scams and Schemes Lesson from Common Sense Media | Taught by classroom teacher |
| Information Literacy | January - February | With so much digital information available, how do we determine what's credible, accurate and reliable? | Identifying ads versus news on home page. https://stacks.stanford.edu/file/druid:fv751yt5934/SHEG%20Evaluating%20Information%20Online.pdf . | <ul style="list-style-type: none"> ● Identifying High Quality Sites. Lesson from Common Core Media | Initial concept/lesson taught in library with classroom follow-up. |
| Cyberbullying & Digital Drama | March - April | How do we judge the intentions and impact of people's actions online? | Be Upstanding https://www.common sense.org/education/system/files/uploads/classroom-curriculum/6-8-unit1-cyberbullyingbeupstanding.pdf?x=1 | <ul style="list-style-type: none"> ● Cyberbullying. Lesson from NYC SLS ● Cyberbullying and Cybersaint. Lesson from NYC SLS | Taught by classroom teacher with SRO/social worker follow up. |
| Information Literacy, Creative Credit and Copyright | May - June | How can people show respect for others' work? | Whose is it, Anyway? https://www.common sense.org/education/lesson/whose-is-it-anyway-3-5 | <ul style="list-style-type: none"> ● A Creator's Responsibility. Lesson from Common Sense media | Biography Research Paper Initial concept/lesson taught in library with classroom follow-up. |

Additional Digital Resources --Explore these resources as needed to follow up on the main lessons or to support Digital Citizenship teachable moments!

| | |
|--------------------------------|---|
| Internet Safety | <p>https://educators.brainpop.com/bp-topic/cyberbullying/</p> <p><u>10 useful apps, games, and videos for Internet Safety</u></p> <p><u>NetSmartz</u></p> <p><u>10 Digital Citizenship Activities</u></p> |
| Privacy & Security | <p>https://www.commonsense.org/education/system/files/6-8-unit2-mymedia-2017.pdf?x=1</p> |
| Relationships & Communication | <p><u>Catfished</u></p> <p>https://www.commonsense.org/education/lesson/the-reality-of-digital-drama-6-8</p> <p>https://ny.pbslearningmedia.org/resource/dgn09.la.rv.visual.elements.salifeonline/life-online/#.W2sxh6czrrc</p> |
| Cyberbullying & Digital Drama | <p><u>Cyberbullying Suicide Case</u></p> <p><u>Cyberbullying Laws</u></p> <p>https://educators.brainpop.com/bp-topic/cyberbullying/</p> <p>http://snap.caybores.org/index.php/snap/search/simple#searchMod=defType%3</p> |
| Digital Footprint & Reputation | <p>https://code.org/curriculum/course2/18/Teacher</p> <p>https://www.commonsense.org/education/system/files/uploads/classroom-curriculum/6-8-unit3-trilliondollarfootprint.pdf?x=1</p> |
| Self-image & Identity | <p>https://www.commonsense.org/education/system/files/6-8-unit2-mymedia-2017.pdf?x=1</p> |
| Information Literacy | <p>https://www.commonsense.org/education/system/files/uploads/classroom-curriculum/6-8-unit3-identifyinghighqualitysites-2015.pdf?x=1</p> |
| Creative Credit & Copyright | <p>https://www.commonsense.org/education/system/files/uploads/classroom-curriculum/6-8-unit1-creatorsrights.pdf?x=1</p> |

Digital Teaching and Learning District Leadership Team

| | |
|------------------------|---|
| Team Membership | |
| Lead/ Grant Manager | Krista Martin |
| Principals | Brian Morgan Ron Gorney |
| Directors | Tom Bunn Abigail Adams-Snell |
| Secondary Faculty | Bill Gilmore (AHS) Marcella Didio (AJHS) |
| Elementary Faculty | Becca DiGiacomo (Seward) Michelle Crosby (Herman) Shane Annal (Genesee) (Owasco) (Casey Park) |
| BOCES | Renee Lawrence |

To Do's:

1. Concretely write the purpose of the DTL Leadership Team
2. Establish 2-3 priority goals with timeframes (i.e. why are we meeting?)
3. Develop structures (i.e. meeting framework, schedule etc.) for DTL Leadership Team
4. Develop structures (i.e purpose, goals, meeting structure and/ or need) for Building DTL Implementation Teams



Auburn Elementary Schools Innovation Labs

**Casey - Genesee - Herman
Owasco - Seward**

What is an Innovation Lab or Makerspace?

A place where students can work together to create and explore using a variety of tools and materials.

Why have a Makerspace?

- Gives students a place to think creatively, wonder, and experiment.
- Builds critical thinking skills through problem solving.
- Prepares students with skills for jobs that will require the ability to think creatively and problem solve. Jobs are much different today then they were 20 years ago.
- Students are already learning these skills at the junior high and high school.
- Students have control and ownership over their learning.
- Engages even reluctant learners.

Makerspaces are in all 5 elementary buildings.



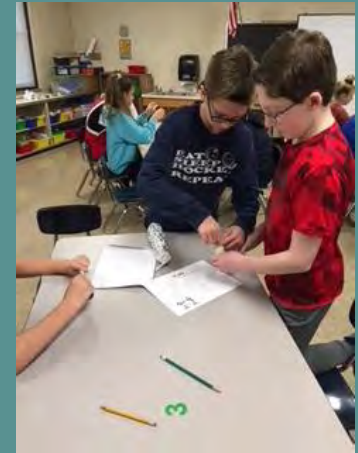
What are students doing when they are in the Innovation Lab?



- **Students use the lab with their school librarian during their library class time.**
- **Students are learning about the Engineering Design Process. The EDP is a series of steps that engineers follow to solve a problem.**
- **Students have been working on this process using books to come up with a design problem/challenge. Sometimes a challenge is provided or it's a mystery!**
- **Students are creating with educational building kits as well as using recycled materials.**

The Engineering Design Process

Step 3: Plan



Step 4: Create



Step 6: Communicate/Share

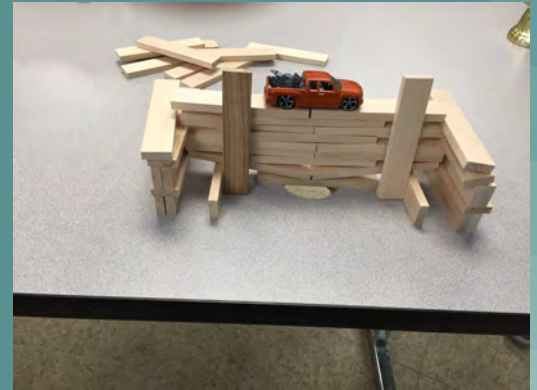


Educational Building Kits and Products

Creating with Brain Flakes



Building with Keva Planks



Solving Challenges with Goobi



K'Nex Teamwork



STEM Club





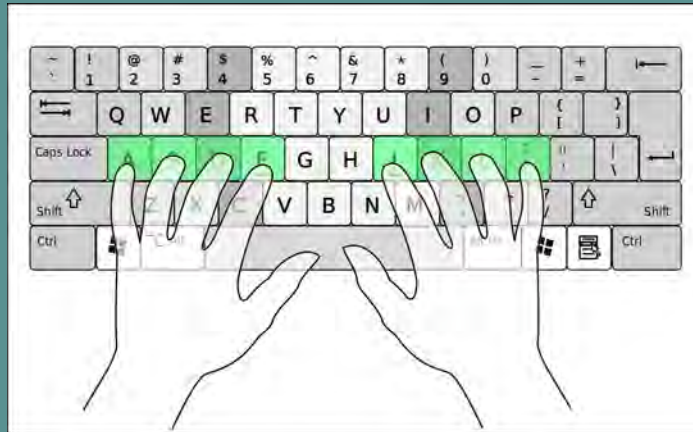
What's next?



- **Students will continue to explore the EDP, build, and create.**
- **To work with robotics, circuits, and coding.**
- **To continue to participate in videoconferencing opportunities.**
- **Continued collaboration with classroom teachers using the library and the I-Lab**



Students will continue to work on keyboarding skills through the Typing Club program. It is currently being introduced at the K-2 levels. Grades 3-6 have been working on it since the fall.



Questions?



Promethean Jedi Training



Welcome to Jedi Training!



Welcome Young Jedis

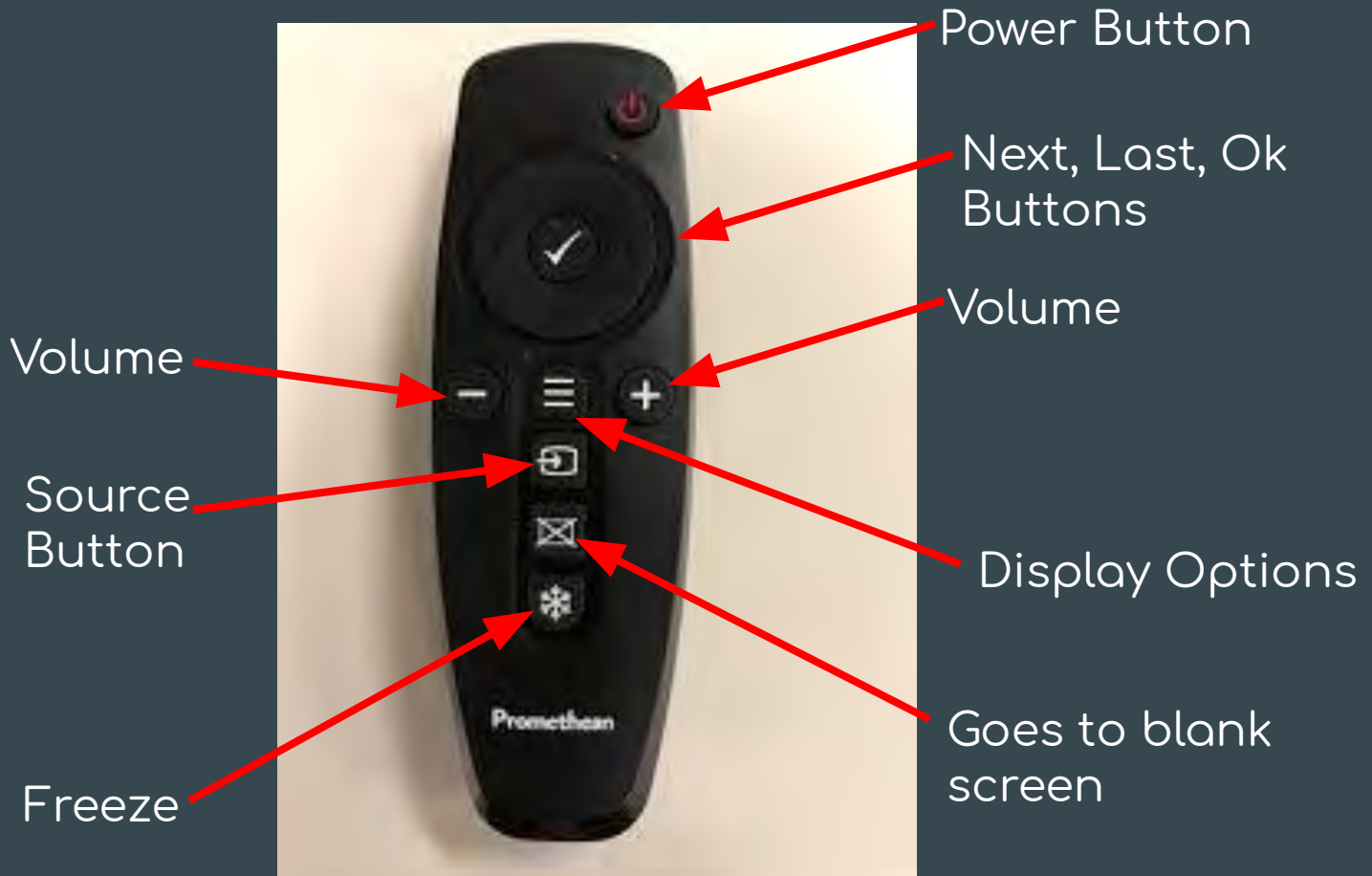
What can you use on the Board?

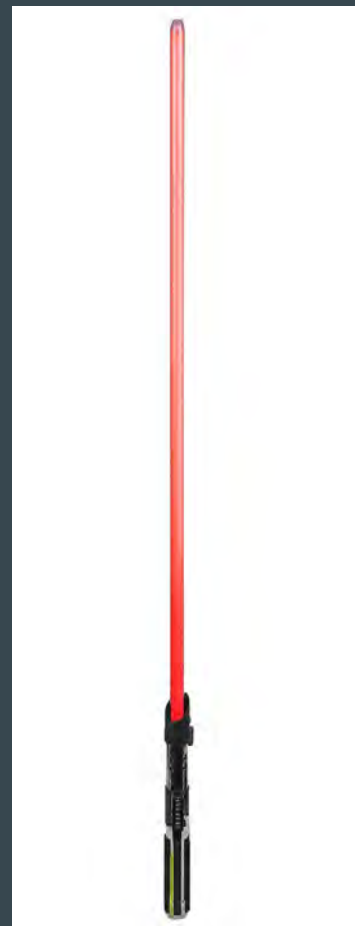
NOT MARKERS!!!

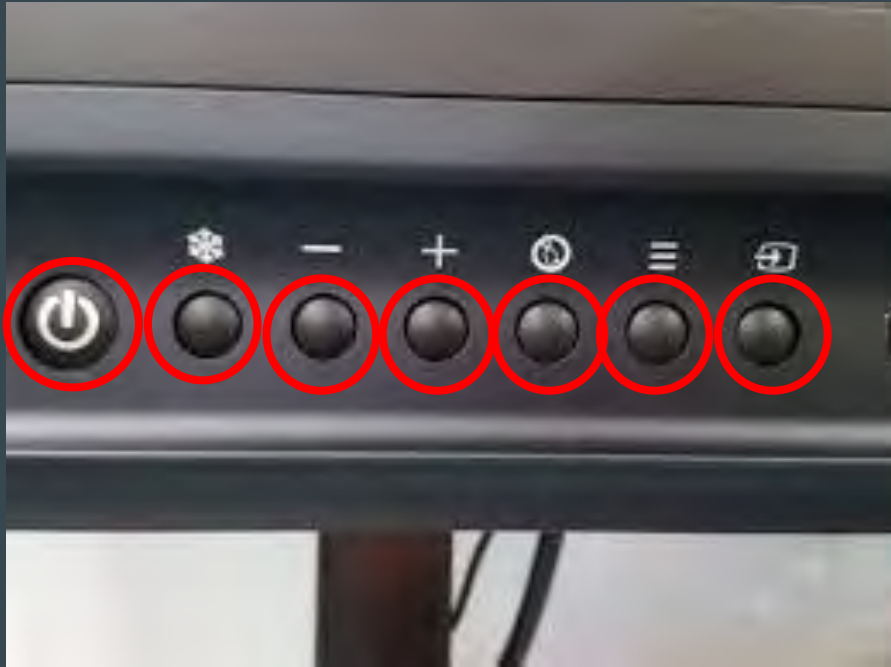
You can use:

- The Promethean pens
- Any other tools your teacher has approved









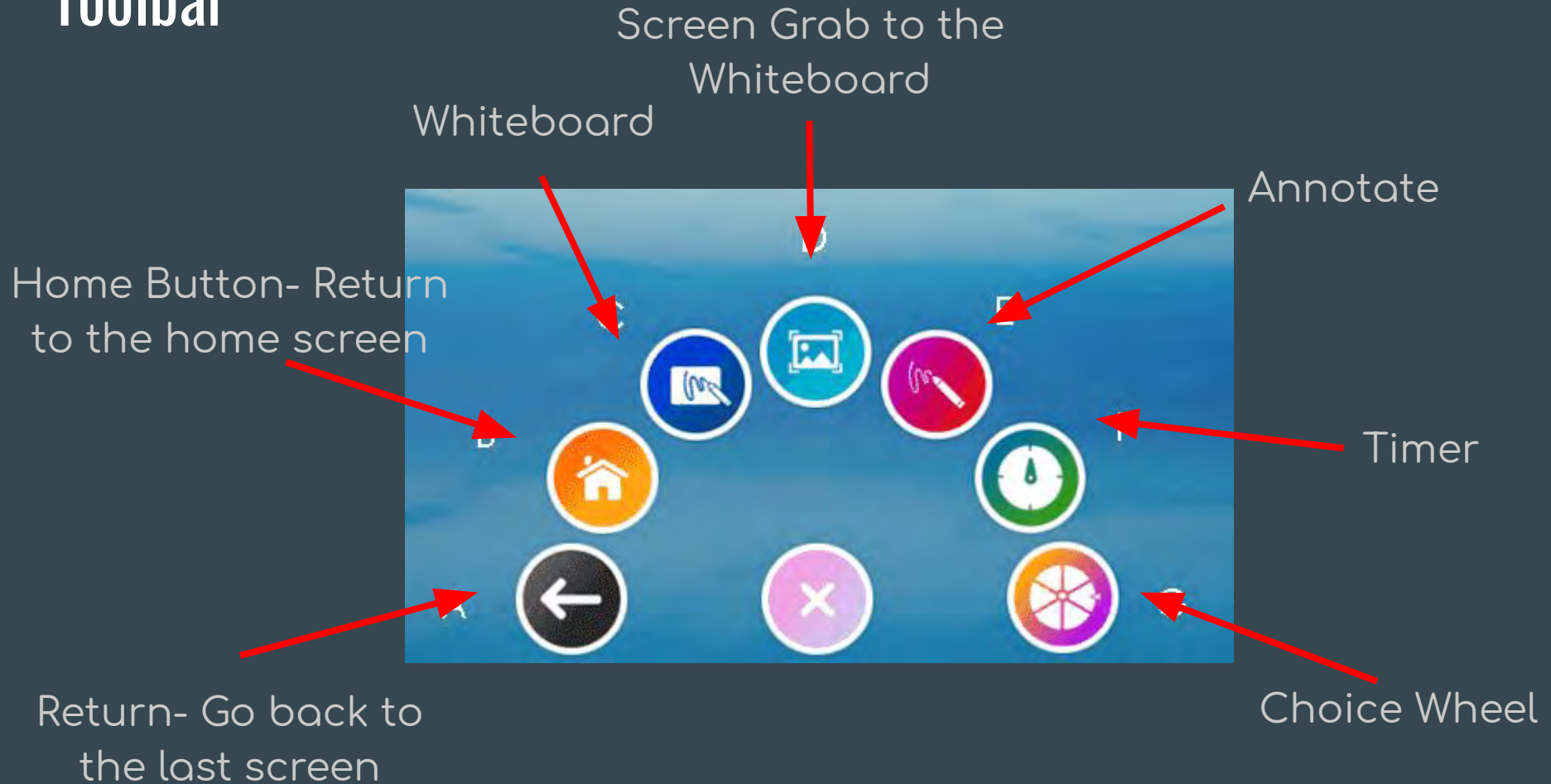
- Power Button: turns board on and off
- Freeze Button: Freezes the screen and disables touch
- Volume Buttons: Turns volume up or down
- Touch: Will turn the touch on or off
- Menu Button: Allows you to change between sources
- Menu Button:

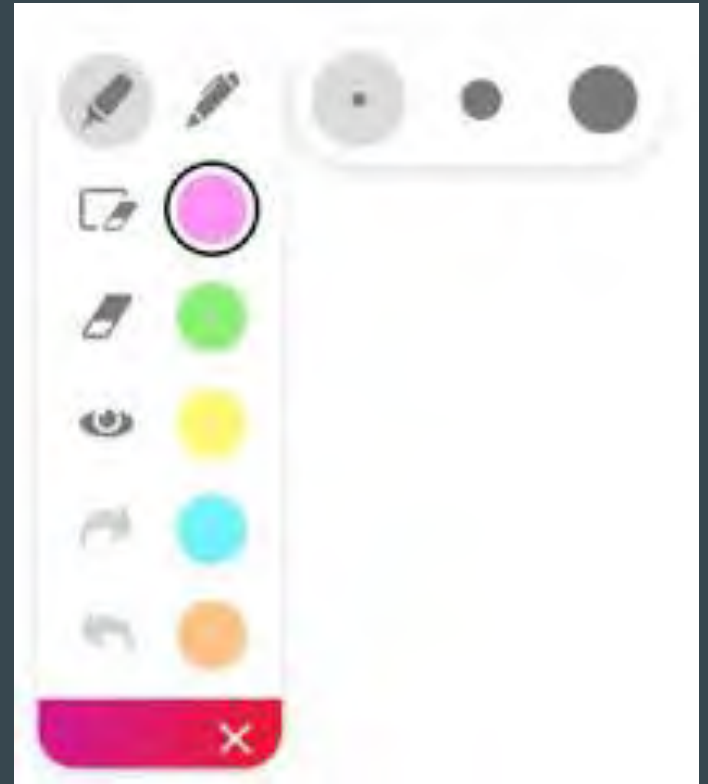
Widget Circle



You can use the app circle to access any apps that your teacher has stored on their board.

Toolbar





Using your Computer

To get what is on the teacher's computer screen onto the Promethean Board click this button.



Questions...HmMMM???



May the Board be with you....



Promethean Panel Use (as of 10/19/18) - After participating in Promethean Panel Workshops, teachers across the district have been using the panels in the following ways:

- Google Earth, Animoto, Kahoot, Flip Grid
- You Tube, Netflix, Classflow
- Coordinate plane grid - Very useful in showing students how to graph
- Morning message/ journals
- Interactive whiteboard
- Timers/groups from Dojo
- Videos- Mindful Kids
- Student review
- ELA Module support
- Excel-graphing
- Eureka math supplementals
- Superkids support - online materials on portal, interactive
- ASPIRE math
- Split screen option helps with instruction - students come up and solve the same problems/ two different problems
- Videos for science - images are amazing
- Google Sites
- Access to discussion questions
- Using Blockly coding app with Dash and Dot robots to teach coding
- Whiteboard feature plus screen grab
- For the PLTW anatomy course, found an app that has been a huge help for students in constructing their clay models of the human body
- When doing virtual labs, the Panels are useful in guiding the students as they use their laptops to complete the activity
- Using the whiteboard app makes sharing notes much more efficient with aides and students that need notes provided. The aides are able to tend to student needs rather than concentrate on taking notes.
- White board permits more interaction with students because they can come up and add to the presentation
- Easier to highlight important information with different colors and shapes
- Chemistry students like doing homework problems on the board
- Xodo to save copies of class notes - Can be used to save to drive for students to download
- Split screen to have sharing apps across a department and across a building (this has been seen as advantage for collaboration and instruction)
- CSE Meetings
- Classroom presentations (e.g., Bullying, Suicide Prevention)
- Bulletin Board for College Fair
- Teaching social skills
- Relaxation/mindfulness
- OT/PT used for yoga demonstration
- Use as a whiteboard

- Interactive READ 180
- Daily math practice, math games
- Journal Questions
- Read Alouds - project text with pointers/ highlights to assist with reading
- Scholastic magazine portal interactive features
- Has embedded graphic organizers for writing
- Virtual tours and field trips can be done regularly
- Students can do immediate research
- Save presentations for students who are absent
- Web-based, interactive System 44 portal

Barriers Teachers Have Experienced:

Training

We need more in-depth hands-on training during the school day/ More app training/ Training for Class Flow *(Promethean Trainers were trained on ActivInspire and ClassFlow on 10/19 - Round #2 of professional development will happen in early November)*

Need interactive whiteboard info - most difficult part of use *(Provided during Round #1; have asked Promethean to create a step-by-step video module that can be posted to KYTE Learning; Basic functionality documents created and disseminated to all staff)*

Teachers need time to explore what they can do with the Panels with trainers available to assist/ Time to practice *(Round #2 will include time for hands-on practice)*

Subject specific training would be more useful *(Round #2 will be completed at grade and department level)*

Hardware

Does not always have HDMI signal/ Need HDMI converter *(HDMI issues have come up and is due to the wiring installation; Tom is working with J&E to fix across the board)*

Speakers are not good/ Internal speakers do not project well *(All classrooms have external speakers to use if needed. IT can set up upon request. Master volume switches were not up, IT is sending out directions on how to correct)*

Installation

Some panels do not slide/ others are creaking *(Contractors are not finished with installs. Any track systems with issue or cable lengths will all be corrected)*

Panels are too high for petite teachers *(Requests to adjust height of panel can be made)*

Lengthy cords or not long enough to function properly (*Can be addressed if IT is contacted; if at AHS in particular, not all rooms have been finalized*)

Other

Custodial staff not cleaning screens/ Screens filthy/ Boards are not being cleaned at night and we were instructed not to clean them ourselves (*Larry is working on a solution for more frequent cleaning*)

Can subs have access? (*Subs can use guest account, which can be left in sub plans; a separate "how-to" document for substitutes has been created*)

Internet not always reliable (*This will be solved in mid-November. We are purchasing our own dedicated 1Gb Internet pipe. More info to follow on this*)

Speech therapists do not have access to a panel (*There are portable panels (PE, Auditorium) that can be used when needed*)

Printing from the board is not available (*To print, you will need to connect it to the teacher workstation. The operating system is not designed to print directly from the panel*)

Questions

1) Can we create a Team Drive for YouTube? Instead of having to share each individual video with each other, is there a way to create a Youtube Drive that we can all access and add to?

There are many ways to tackle this. Probably the best way is to create a AECSD YouTube account, then build out playlists by grade/content areas.

2) Is there a way to lock the portable screens from moving up and down when transporting?

Yes there is wheel on the back of the panel that can be used to secure the panel prior to transport. Contact ihelp and someone can show you how this is done.

3) Is it possible to have a panel located in the AHS counseling suite to use for college admissions virtual tours and presentations?

There are several portable panels that can be moved in there when college reps need access.

**Auburn District
Technology Integration (September - May 2018/2019)
Teacher/Library Media Specialist Training & Support**

3D Doodler Integration and Training

3D Printing Integration and Training

***ActivCast Integration and Training**

***ActivInspire Integration, Training & Support**

Adobe Spark Integration and Training

Anthem Software Integration and Training

Applications & Extensions Training (Padlet, Seesaw, Prezi, Edpuzzle, Ensemble Recorder, etc.)

Assistive Technology Integration, Training and Support on the following:

- Chromebook Features
- Using Chromvox
- Apps/Extensions for Assistive Technology
- Google Docs Features
- Webcam & Mic Recording

Brother Cutter Integration and Training

Calendar Migration Training and Support

Chromebooks, Tablets, Ipads, and Computer Training

Circuitry using Paper Circuits Integration and Training

***Classflow Desktop and Online Training**

Cospace & QR Codes Integration and Training

Creating Voice Clips for Digital Spelling Assessments

Creating Formulas, Functions, and Charts Utilizing Spreadsheets

Digital Data Conversion (Hard copies to Digital Form) Training

Digital Storyboards using Coding Integration and Training

Discovery Education Training

EdPuzzle and Nearpod Integration, Training and Support

Ensemble Video Management Integration, Training and Support

Excel Spreadsheet Training

File Management and Conversion Training

Flipgrid Integration and Training

GoGuardian Support and Training

***Google Integration, Training and Support on the following:**

- Calendar
- Cardboard and Google Expeditions
- Classroom
- Earth, Maps, and StreetView
- Educational Suite (Docs, Sheets, Slides and Drive)
- Forms
- Mail
- Sites
- Tour Creator Integration and Training

iMovie Integration and Training

Innovation/Makerspace & Design Process Training and Support

Integrating Embarc with ActivInspire

iPad Training for use with Google Classroom

KYTE Learning Support

Live Streaming Training & Support

Makey Makey Integration and Training

Math Apps and Solutions

Ozobot Integration and Training

PadCaster & GreenScreen Integration and Training

Promethean Integration with SuperKids

***Promethean Panel & Whiteboard Training**

Robotics Integration and Training

Root Robotics Integration and Training

Scratch & Blockly Coding Integration and Training

Screencasting with Anthem and Screencastify Integration and Training

SNAP Media Catalog Training and Support

Sphero Integration and Training

STEM/STEAM Event Planning, Training, and Support

TinkerCAD Training & Support

Training on Creating Surveys and Managing Data

***Trainings on added Features of Promethean Panel – Spinner, Annotation, & Timer**

Transitioning from a Document Camera to the Promethean Panel

TypingClub Training and Support

Video Editing & Production Training

Virtual Learning & Virtual Field Trip Training and Support

Virtual Reality (ClassVR Set) Integration, Training and Support

WebCRD Training & Support

***Windows 10 Training**

XODO & Kami Integration and Training

Zoom Video Conferencing Training

***Indicates district wide – several trainings**

Auburn ECSD - Typing Club

Typing Club Account Detail

| Account | Account Id | Schools | Grades | Classes | Active Lesson Plans | Students | Attempts | Total Time | Speed | Accuracy | Real Accuracy | Coverage | New Lessons | Earned Stars | Earned Score |
|------------------------------------|------------|---------|--------|---------|---------------------|----------|----------|---------------|--------|----------|---------------|----------|-------------|--------------|--------------|
| Casey Park Elementary School | 10122228 | 1 | 3 | 3 | 1 | 22 | 326 | 4 hrs 1 min | 18 WPM | 94.80% | 91.70% | 44.32% | 234 | 1,049 | 492,413 |
| Genesee Elementary School | 10122110 | 1 | 6 | 3 | 1 | 164 | 6,971 | 5 days 21 hrs | 13 WPM | 96.20% | 94% | 44.22% | 5,348 | 19,591 | ##### |
| William H Seward Elementary School | 10122222 | 1 | 5 | 3 | 1 | 56 | 575 | 11 hrs 6 mins | 13 WPM | 94.30% | 92.60% | 40.98% | 475 | 1,715 | 732,453 |

Typing Club Usage Time - K-2 All Buildings

| Class | Grade | Class Id | Students | Grade | Attempts | Total Time | Speed | Accuracy | Real Accuracy | Earned Stars | Earned Score | New Lessons | Typing Time | Game Time | Video Time | Story Typing Time |
|---------------------------------|-------|------------|----------|-------|----------|-----------------|---------|----------|---------------|--------------|--------------|-------------|----------------|-----------------|-----------------|-------------------|
| Casey Park Elementary - Grade 1 | 1st | 11,727,250 | 17 | 1 | 59 | 1 hr 25 mins | 7.3 WPM | 89.90% | 86.40% | 69 | 38,132 | 37 | 1 hr 20 mins | 1 min 55 secs | 2 mins 30 secs | 0 secs |
| Casey Park Elementary - Grade 2 | 2nd | 11,727,251 | 17 | 2 | 105 | 1 hr 57 mins | 8 WPM | 92.10% | 86.80% | 197 | 85,662 | 59 | 1 hr 46 mins | 7 mins 33 secs | 2 mins 51 secs | 0 secs |
| Genesee Elementary - Grade 1 | 1st | 11,727,834 | 3 | 1 | 19 | 12 mins 9 secs | - | - | - | 0 | 18,000 | 17 | 1 min 51 secs | 0 secs | 10 mins 18 secs | 0 secs |
| Genesee Elementary - Grade 2 | 2nd | 11,727,841 | 1 | 2 | 26 | 13 mins 18 secs | - | - | - | 0 | 26,000 | 26 | 5 mins 17 secs | 36 secs | 7 mins 25 secs | 0 secs |
| Owasco - 2nd Grade | 2nd | 11,727,110 | 17 | 2 | 668 | 3 hrs 59 mins | - | - | - | 0 | 651,000 | 646 | 1 hr 35 mins | 20 mins 29 secs | 2 hrs 4 mins | 0 secs |
| Seward - 1st Grade | 1st | 11,728,707 | 34 | 1 | 2,612 | 18 hrs 30 mins | - | - | - | 0 | 2,539,000 | 2,445 | 9 hrs 36 mins | 1 hr 49 mins | 7 hrs 4 mins | 0 secs |
| Seward - 2nd Grade | 2nd | 11,728,693 | 49 | 2 | 972 | 10 hrs 55 mins | 9 WPM | 85.90% | 81.50% | 372 | 907,407 | 917 | 5 hrs 29 mins | 34 mins 34 secs | 4 hrs 51 mins | 0 secs |

Typing Club Report

By School Building

| Class | Grade | Class Id | Students | Grade | Attempts | Total Time | Speed | Accuracy | Real Accuracy | Earned Stars | Earned Score | New Lessons | Typing Time | Game Time | Video Time | Story Typing Time |
|---|------------|------------|----------|-------|----------|----------------|----------|----------|---------------|--------------|--------------|-------------|-----------------|-----------------|-----------------|-------------------|
| Casey Park Elementary School | | | | | | | | | | | | | | | | |
| 3-Feb | Unassigned | 11,378,558 | 4 | -1 | 80 | 49 mins 2 secs | 13.1 WPM | 94.60% | 92% | 132 | 67,749 | 21 | 35 mins 18 secs | 12 mins 27 secs | 1 min 17 secs | 0 secs |
| 5-Apr | Unassigned | 11,378,561 | 1 | -1 | 4 | 3 mins 36 secs | 14 WPM | 98% | 96% | 15 | 6,112 | 4 | 2 mins 55 secs | 41 secs | 0 secs | 0 secs |
| 6 | Unassigned | 11,378,562 | 17 | -1 | 242 | 3 hrs 8 mins | 19.6 WPM | 94.80% | 91.40% | 902 | 418,552 | 209 | 2 hrs 39 mins | 23 mins 40 secs | 5 mins 9 secs | 0 secs |
| Genesee Elementary School | | | | | | | | | | | | | | | | |
| Class | Grade | Class Id | Students | Grade | Attempts | Total Time | Speed | Accuracy | Real Accuracy | Earned Stars | Earned Score | New Lessons | Typing Time | Game Time | Video Time | Story Typing Time |
| 2nd-3rd grade | Unassigned | 11,390,774 | 60 | -1 | 4,543 | 4 days 9 hrs | 11.4 WPM | 94.20% | 91.40% | 11,378 | 4,227,820 | 3,291 | 3 days 21 hrs | 8 hrs 46 mins | 3 hrs 15 mins | 0 secs |
| 4th-5th grade | Unassigned | 11,390,775 | 65 | -1 | 782 | 12 hrs 16 mins | 12.8 WPM | 97.90% | 95.50% | 2,257 | 973,758 | 587 | 9 hrs 41 mins | 1 hr 40 mins | 54 mins 32 secs | 0 secs |
| 6th grade | Unassigned | 11,390,776 | 39 | -1 | 1,646 | 23 hrs 20 mins | 18.1 WPM | 97.20% | 95.30% | 5,956 | 2,665,619 | 1,470 | 19 hrs 38 mins | 2 hrs 43 mins | 59 mins 9 secs | 0 secs |
| William H Seward Elementary School | | | | | | | | | | | | | | | | |
| Class | Grade | Class Id | Students | Grade | Attempts | Total Time | Speed | Accuracy | Real Accuracy | Earned Stars | Earned Score | New Lessons | Typing Time | Game Time | Video Time | Story Typing Time |
| 3-Feb | Unassigned | 11,378,554 | 21 | -1 | 192 | 4 hrs 30 mins | 9.4 WPM | 93.70% | 90.60% | 512 | 210,739 | 162 | 3 hrs 54 mins | 20 mins 18 secs | 15 mins 51 secs | 0 secs |
| 5-Apr | Unassigned | 11,378,555 | 19 | -1 | 172 | 3 hrs 11 mins | 14.9 WPM | 95.70% | 94.70% | 499 | 208,688 | 121 | 2 hrs 47 mins | 18 mins 37 secs | 5 mins 6 secs | 0 secs |
| 6 | Unassigned | 11,378,556 | 16 | -1 | 219 | 3 hrs 41 mins | 14.3 WPM | 94.10% | 93.30% | 718 | 320,827 | 199 | 3 hrs 6 mins | 21 mins 29 secs | 14 mins 4 secs | 0 secs |

Typing Club Report

TypingClub Auburn Enlarged City School District School Code: aeccsd

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| Name | Activity | Students | Instructor(s) | Created | Grade | School |
|---------------------------------|----------|----------|------------------------|------------------|------------|------------------------------|
| 1st | | 61 | Victoria Calarco | April 8th, 2019 | Unassigned | Owasco Elementary |
| 1st Grade | | 66 | Elizabeth Cuddy | April 10th, 2019 | 1st | William H. Seward Elementary |
| 2nd | | 58 | Victoria Calarco | April 8th, 2019 | 2nd | Owasco Elementary |
| 2nd Grade | | 77 | Elizabeth Cuddy | April 10th, 2019 | 2nd | William H. Seward Elementary |
| 3rd Grade Chadderdon | | 19 | Anne Miod | April 23rd, 2019 | 3rd | Genesee Elementary |
| 3rd Grade DeJohn | | 15 | Anne Miod | April 23rd, 2019 | 3rd | Genesee Elementary |
| 3rd Grade Musso | | 16 | Anne Miod | April 23rd, 2019 | 3rd | Genesee Elementary |
| 4th Grade - Falzarano | | 26 | Anne Miod | April 23rd, 2019 | 4th | Genesee Elementary |
| 4th Grade Jones | | 25 | Anne Miod | April 23rd, 2019 | 4th | Genesee Elementary |
| 5th grade Dietsche | | 19 | Anne Miod | April 23rd, 2019 | 5th | Genesee Elementary |
| 5th Grade JacksonMaum | | 21 | Anne Miod | April 23rd, 2019 | 5th | Genesee Elementary |
| 5th Grade Rose | | 20 | Anne Miod | April 23rd, 2019 | 5th | Genesee Elementary |
| 6th Grade Annal | | 18 | Anne Miod | April 23rd, 2019 | 6th | Genesee Elementary |
| 6th Grade Hoey | | 19 | Anne Miod | April 23rd, 2019 | 6th | Genesee Elementary |
| 6th Grade Zambito | | 19 | Anne Miod | April 23rd, 2019 | 6th | Genesee Elementary |
| Casey Park Elementary - Grade 1 | | 73 | Thomas Bunn | April 8th, 2019 | 1st | Casey Park Elementary |
| Casey Park Elementary - Grade 2 | | 72 | Thomas Bunn | April 8th, 2019 | 2nd | Casey Park Elementary |
| Genesee Elementary - Grade 1 | | 67 | Thomas Bunn, Anne Miod | April 9th, 2019 | 1st | Genesee Elementary |
| Genesee Elementary - Grade 2 | | 50 | Thomas Bunn, Anne Miod | April 9th, 2019 | 2nd | Genesee Elementary |