

# Albany Area Schools

Technology Update

<https://goo.gl/7NjSfl>

# Technology Beliefs

We are currently editing our technology beliefs within our two site technology committees. Here are the beliefs we've drafted so far:

- Technology is a tool that can help our students master The 4 C's: Critical Thinking, Communication, Collaboration, and Creativity.
- Students, teachers, and administrators must be able to process and manage information through the skillful use of technology.
- Technology nurtures activity-based learning.

<https://goo.gl/7NjSfl>

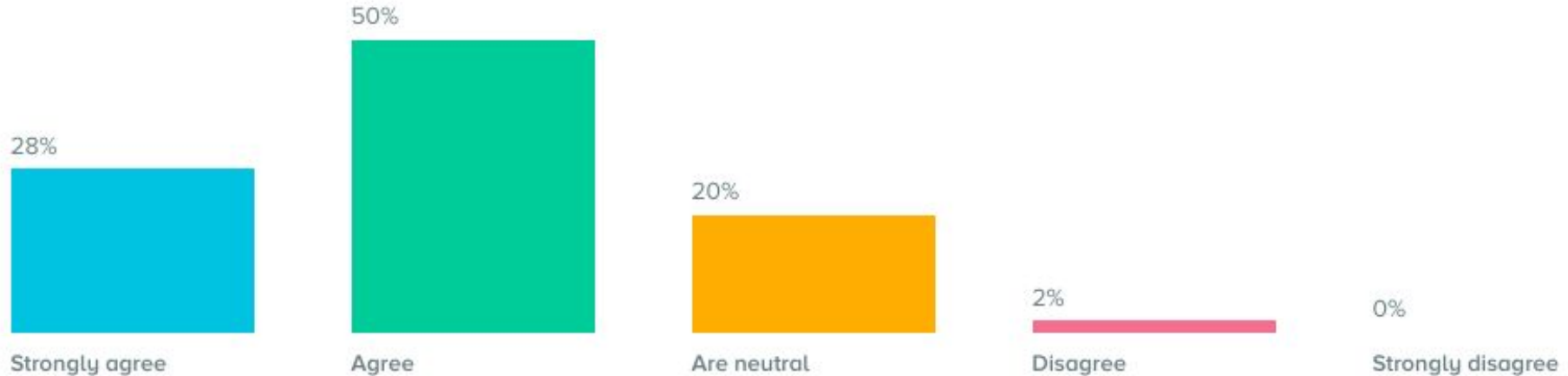
# Technology Beliefs

- Technology can help students learn more, faster.
- The demands of the modern workplace require us to provide students with 21st century technology skills.
- Technology can help students create their own personal learning network.
- Technology can help teachers individualize instruction to meet each student's unique needs.

<https://goo.gl/7NjSfl>

# BrightBytes Survey Data

 "Technology use in class can enhance student learning."

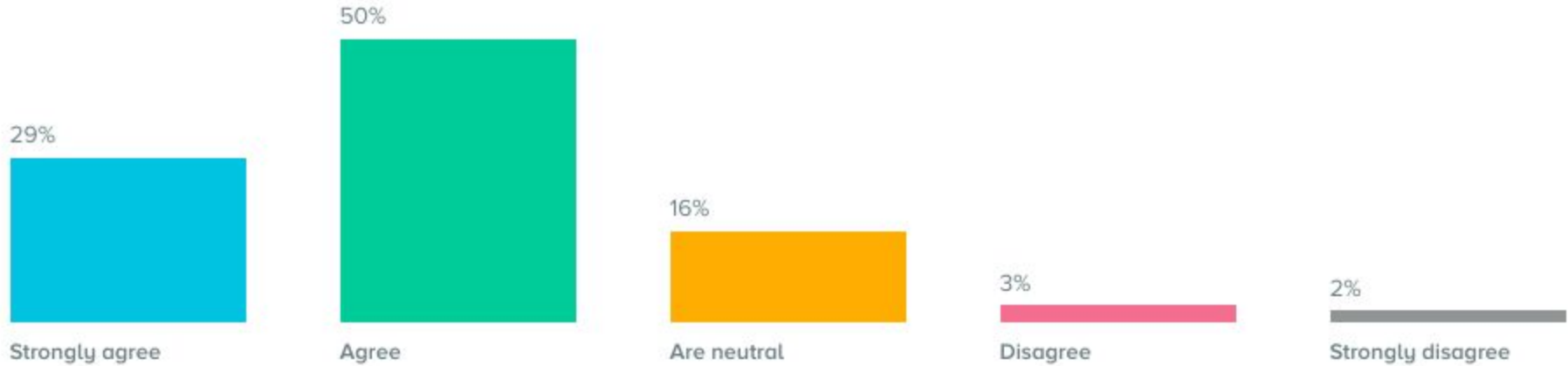


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# BrightBytes Survey Data



“I want to learn more about effective technology use for teaching and learning.”



<https://goo.gl/7NjSfl>

# Budget in the Long Term (current devices)

Item	Cost	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
<b>CURRENT</b>								
Chromebooks	250	57	60	90	60	0	0	0
iPad Minis	375	0	0	200	200	0	0	0
iPads on Carts	500	0	60	10	30	0	0	60
Teacher iPads	500	0	0	0	0	0	0	0
Teacher Laptops	1000	5	0	5	45	40	55	0
Desktop Macs	950	0	30	60	30	0	0	0
Desktop Windows	800	30	0	0	0	30	0	0
MacBooks on Carts	1000	0	0	0	0	0	0	0
Projectors - Std	500	5	3	3	3	3	3	3
Projectors - Short	950	0	0	0	1	0	0	1
Projector/Interactive	1750	5	0	0	0	0	5	0
SmartBoards	1850	0	0	0	0	2	2	2
Smart Licensing	42	0	0	0	130	0	0	130
Infrastructure		0	0	0	0	0	20,000	20,000
Annual Tech Expenses		48,000	48,000	48,000	48,000	48,000	48,000	48,000
<b>TOTAL</b>		<b>102,500</b>	<b>123,000</b>	<b>214,000</b>	<b>234,410</b>	<b>117,200</b>	<b>136,950</b>	<b>109,610</b>

# Budget in the Long Term (with referendum purchases)

REFERENDUM SPENDING								
Chromebooks	280	175	145	145	145	145	145	145
iPad Minis	375	140	60	0	0	0	70	70
iPads on Carts	500	0	0	0	0	0	0	0
Teacher iPads	500	0	0	0	0	0	0	0
Teacher Laptops	1000	131	0	0	0	0	0	0
Desktop Macs	950	0	0	0	0	0	0	0
Desktop Windows	800	0	0	0	0	0	0	0
Laptops on Carts	1000	0	0	0	0	0	0	0
Projectors - Std	500	2	0	0	0	0	0	2
Projectors - Short	950	0	0	0	0	0	0	0
Projector/Interactive	1750	17	0	0	0	0	5	0
SmartBoards	1850	0	0	0	0	0	0	0
Smart Table	5,100	4	0	0	0	0	0	0
Smart Licensing	42	130	0	0	0	0	0	0
District Tech PD	250	48						
Infrastructure		85,000	65,000	0	0	0	0	0
TOTAL		386,110	128,100	40600	40600	40600	75600	67850

# Maintaining Current vs. New Purchases

Year	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Current	102,500	123,000	214,000	234,410	117,200	136,950	109,610
w/ Referendum	488,610	251,100	254,600	275,010	157,800	212,550	177,460

In the first two years, we have technology referendum money to help cover expenses.



# On Any Given Day...

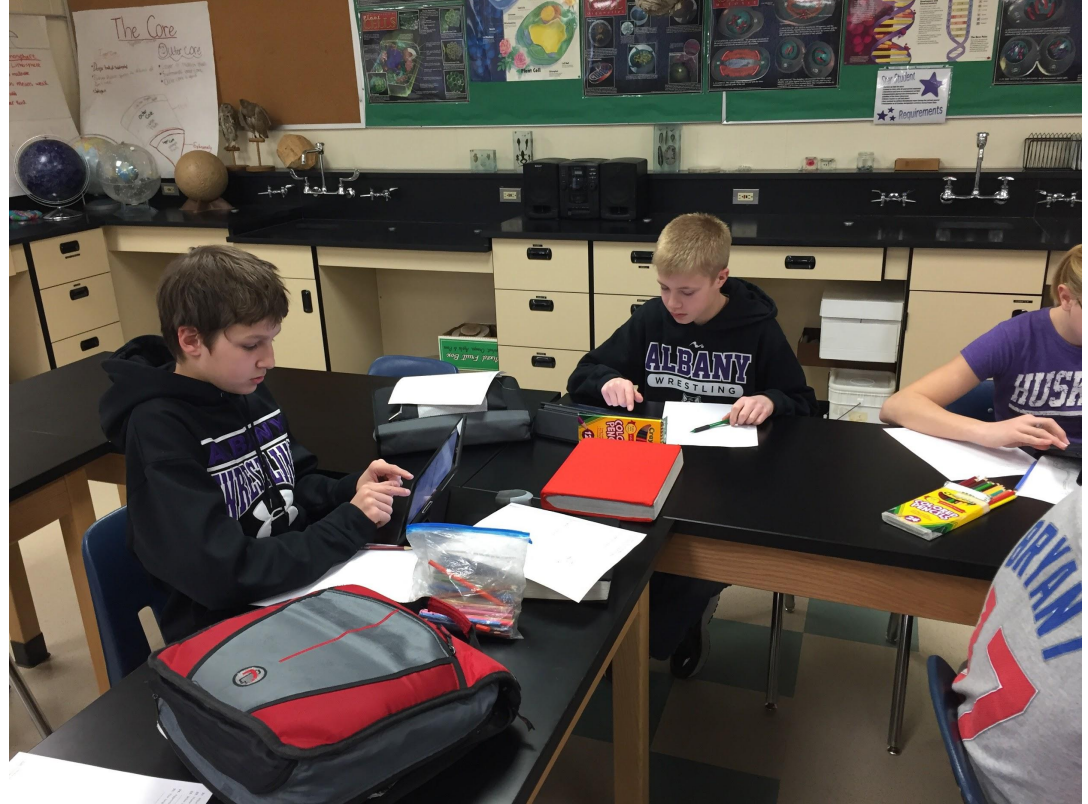
Read 180 students are all reading materials at their own level and being assessed on that material on the Chromebooks.

Mrs. VanderHagen has 8 Chromebooks permanently in her room for student reading, but sometimes needs a class set.



# On Any Given Day...

Students research answers to their questions, because the textbook does not contain them.



# On Any Given Day...

Students with a substitute teacher independently review vocabulary using Quizlet, and read leveled current events articles on Newsela. All linked through their Schoology Course.



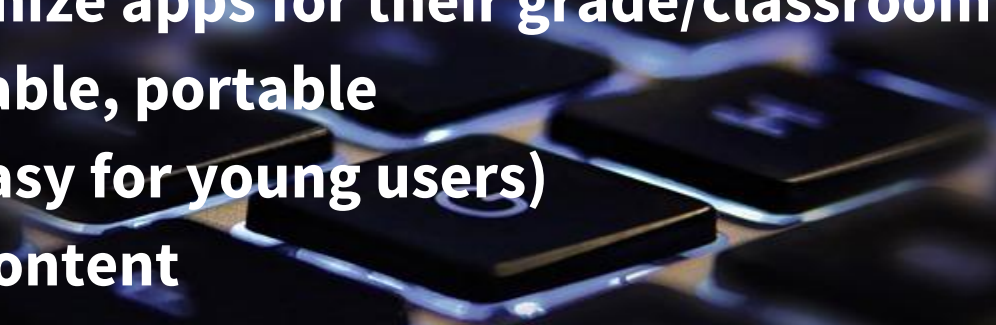
# Referendum Purchases

## Chromebooks:

- **Affordable**
- **New versions more durable than previous devices**
- **Automatically updated (programs, software, apps)**
- **Free Apps continually added to Chrome Web Store**
- **Schoology, Google Apps, Turnitin, plus other web-based programs fully accessible**
- **Familiarity to students & teachers**
- **Junior High students prefer them to iPads**

# Referendum Purchases

## iPad Minis:

- **Teachers customize apps for their grade/classroom**
  - **Affordable, durable, portable**
  - **Touch-based (easy for young users)**
  - **Easy to create content**
  - **Familiar to students and teachers**
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# Referendum Purchases

## Other Items:

- **Special Ed - Projectors**
- **Albany Elementary - Short-throw projectors**
- **Early Childhood Center - Smart Tables**
- **Senior High - Chromebooks to supplement checkout numbers**

# Teacher Professional Development

- Teachers would like more planning time to focus on the technology we already have.
  - Google Bootcamp
- Before & after school tech sessions.
- We're exploring individualized professional development options.