Staff Year End Technology Survey

Summary of Findings • Conclusions & Recommendations

Developed by LPB Consulting Services (www.lpbconsulting.org) │June 2019

Auburn ISucceed Survey Overview

Individualization and Innovation Empowers All Students to Succeed (ISucceed)

The ISucceed Project is intended to serve all K-12 students and all K-12 teachers as well as parent and community members in the Auburn Enlarged City School District (AECSD).

Project activities include the design of a strategic technology integration and personalized learning implementation plan, as well as engagement of all K-12 teachers in in-depth in-person and online professional development that will sufficiently prepare them to regularly integrate educational technology to support personalized, blended, and online learning.

To inform the application of professional development district leaders administered a survey to all teachers and **169** responded to the request for information.
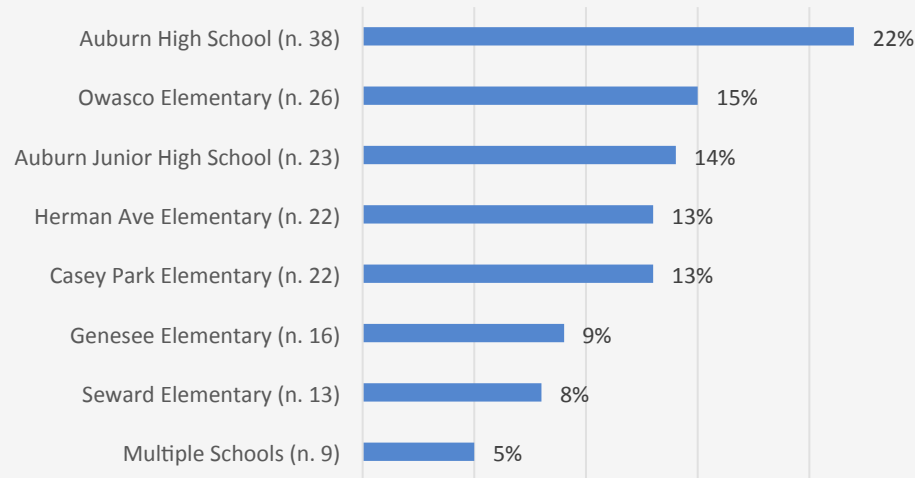
The following summary was developed by Laura Payne-Bourcy Consulting Services www.lpbconsulting.org, in partnership with the AECSD.
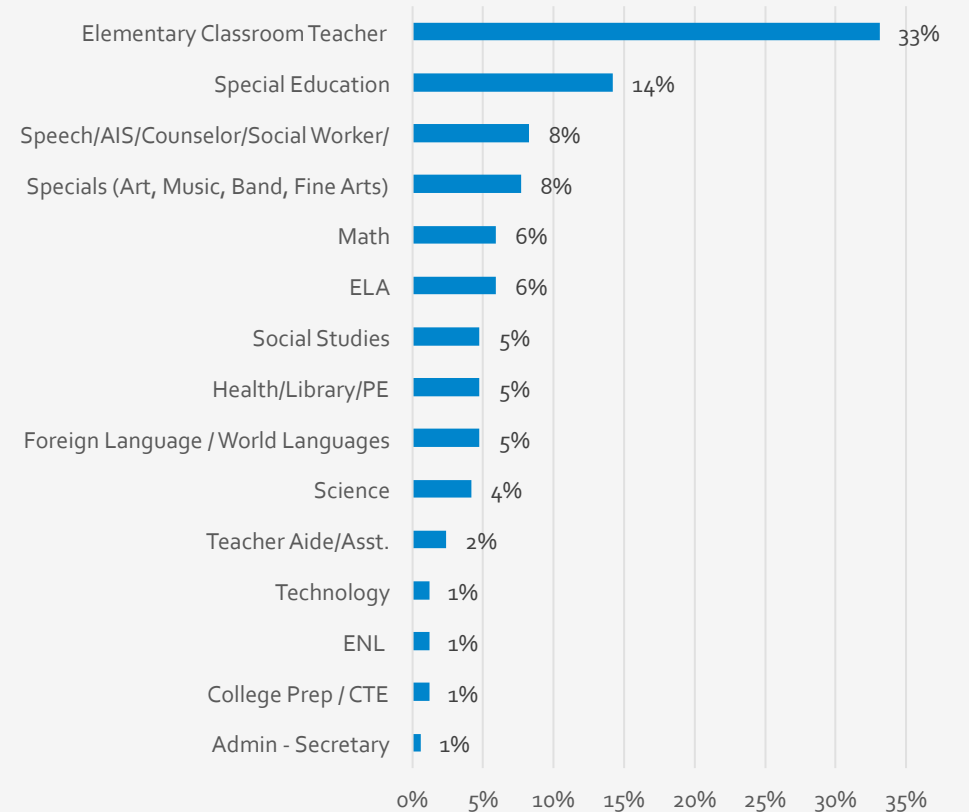
Summary of Survey Findings
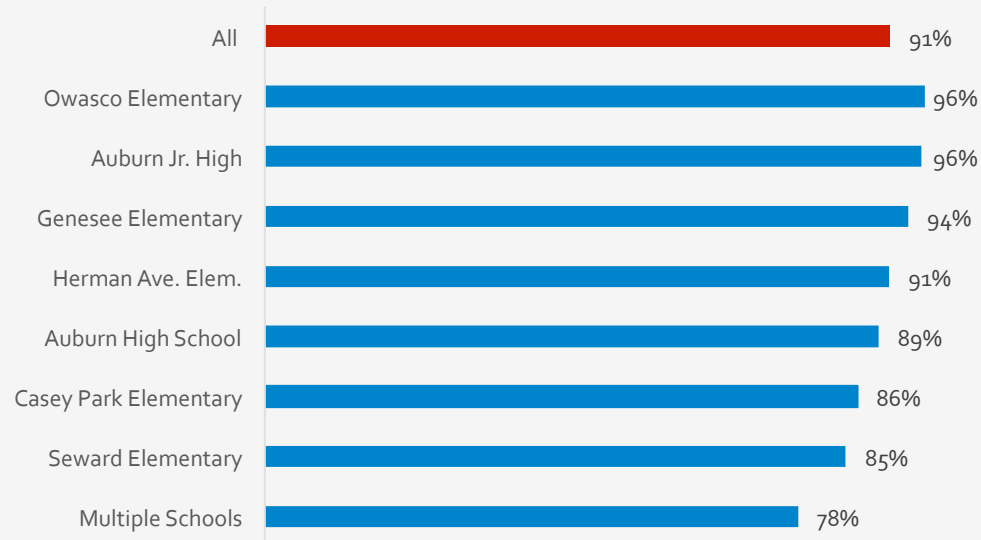
Demographics

I Work At...
n= 169

School	Percentage
Auburn High School (n. 38)	22%
Owasco Elementary (n. 26)	15%
Auburn Junior High School (n. 23)	14%
Herman Ave Elementary (n. 22)	13%
Casey Park Elementary (n. 22)	13%
Genesee Elementary (n. 16)	9%
Seward Elementary (n. 13)	8%
Multiple Schools (n. 9)	5%

I Primarily Teach...
n=169

Role	Percentage
Elementary Classroom Teacher	33%
Special Education	14%
Speech/AIS/Counselor/Social Worker/	8%
Specials (Art, Music, Band, Fine Arts)	8%
Math	6%
ELA	6%
Social Studies	5%
Health/Library/PE	5%
Foreign Language / World Languages	5%
Science	4%
Teacher Aide/Asst.	2%
Technology	1%
ENL	1%
College Prep / CTE	1%
Admin - Secretary	1%

- ❑ 59% (99) of respondents work at an Elementary Building and more than one-third 36% (61) work at Auburn High School or Auburn Jr. High.
- ❑ Nine respondents indicated that they work at multiple schools
- ❑ One-third (33%) of respondents are Elementary Classroom Teachers
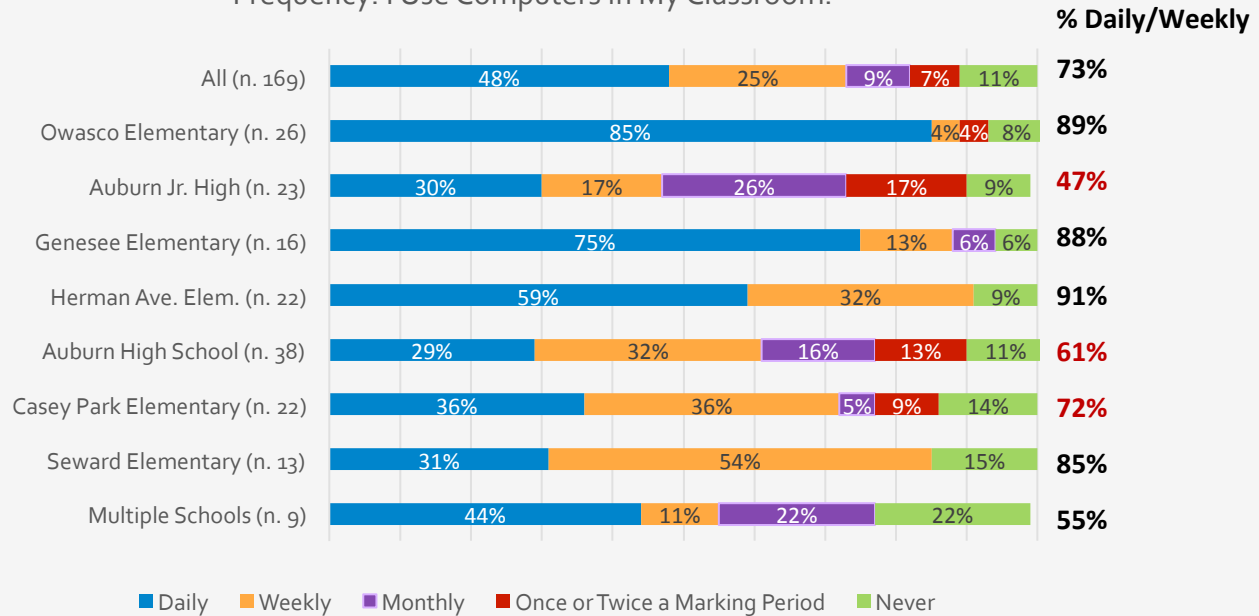- ❑ A large array of teaching roles are represented

Usage and Frequency of Computers in the Classroom
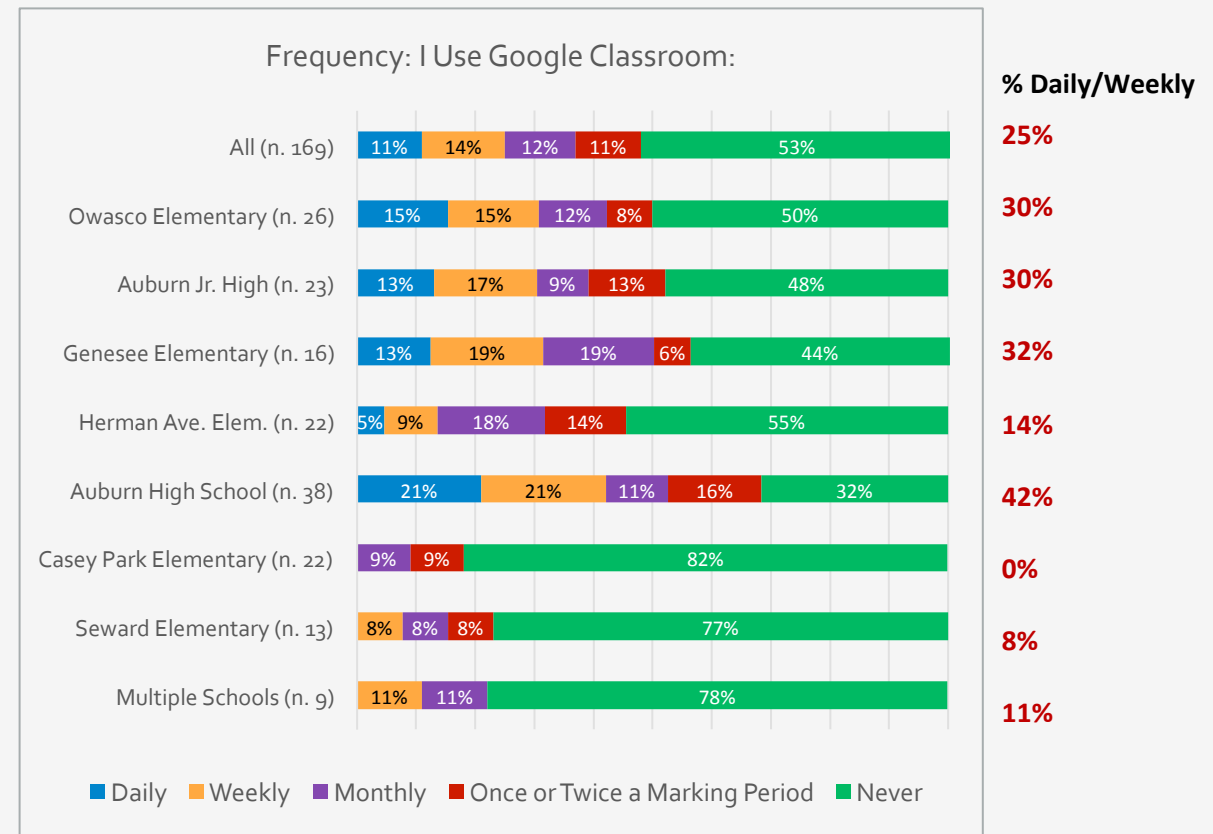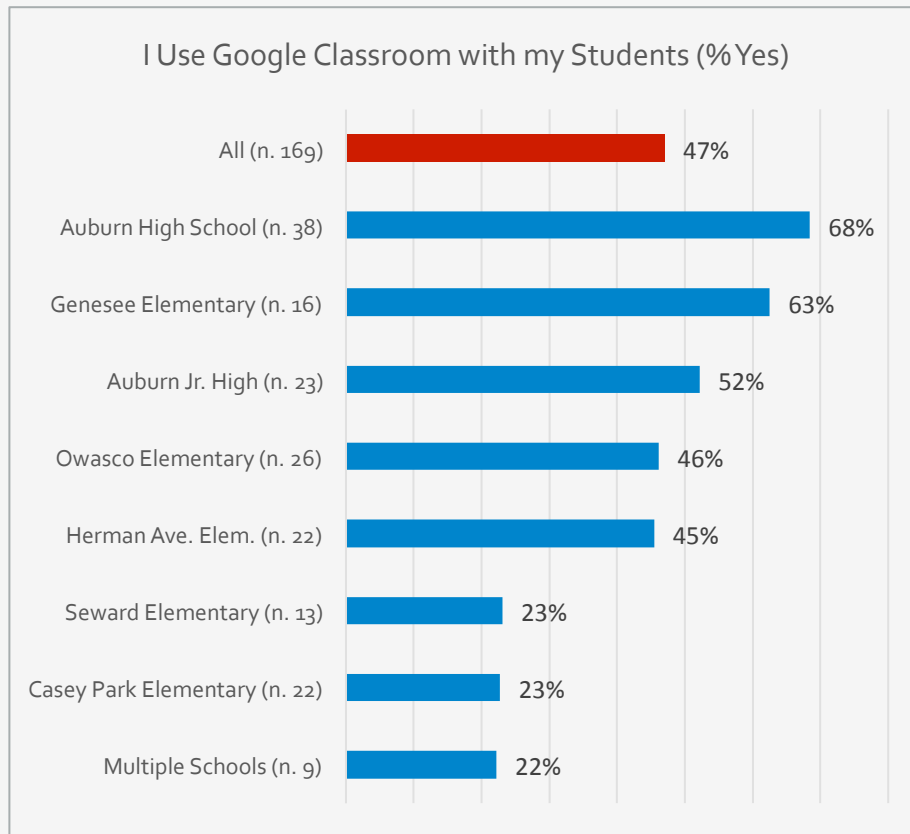

I Have Used Computers in My Classroom This Year (% Yes)

School	% Yes
All	91%
Owasco Elementary	96%
Auburn Jr. High	96%
Genesee Elementary	94%
Herman Ave. Elem.	91%
Auburn High School	89%
Casey Park Elementary	86%
Seward Elementary	85%
Multiple Schools	78%

Frequency: I Use Computers in My Classroom:

% Daily/Weekly

School	Daily	Weekly	Monthly	Once or Twice a Marking Period	Never	% Daily/Weekly
All (n. 169)	48%	25%	9%	7%	11%	73%
Owasco Elementary (n. 26)	85%	4%	4%		8%	89%
Auburn Jr. High (n. 23)	30%	17%	26%	17%	9%	47%
Genesee Elementary (n. 16)	75%	13%	6%		6%	88%
Herman Ave. Elem. (n. 22)	59%	32%			9%	91%
Auburn High School (n. 38)	29%	32%	16%	13%	11%	61%
Casey Park Elementary (n. 22)	36%	36%	5%	9%	14%	72%
Seward Elementary (n. 13)	31%	54%			15%	85%
Multiple Schools (n. 9)	44%	11%	22%		22%	55%

Legend: ■ Daily ■ Weekly ■ Monthly ■ Once or Twice a Marking Period ■ Never

❑ Overall, 91% use Computers in the Classroom

❑ Almost all (96%) staff at Owasco Elementary and Auburn Jr High use computers in the classroom

❑ Overall, about half (48%) use computers Daily and one-quarter (25%) use computers Weekly in the classroom.

❑ 85% of staff at Owasco Elementary use computers Daily in the classroom.

❑ 91% of staff at Herman Ave Elementary use computers Daily or Weekly

❑ Only 47% of staff at Auburn Jr. High use computers Daily or Weekly – compared to 81% Daily/Weekly staff average for other six buildings

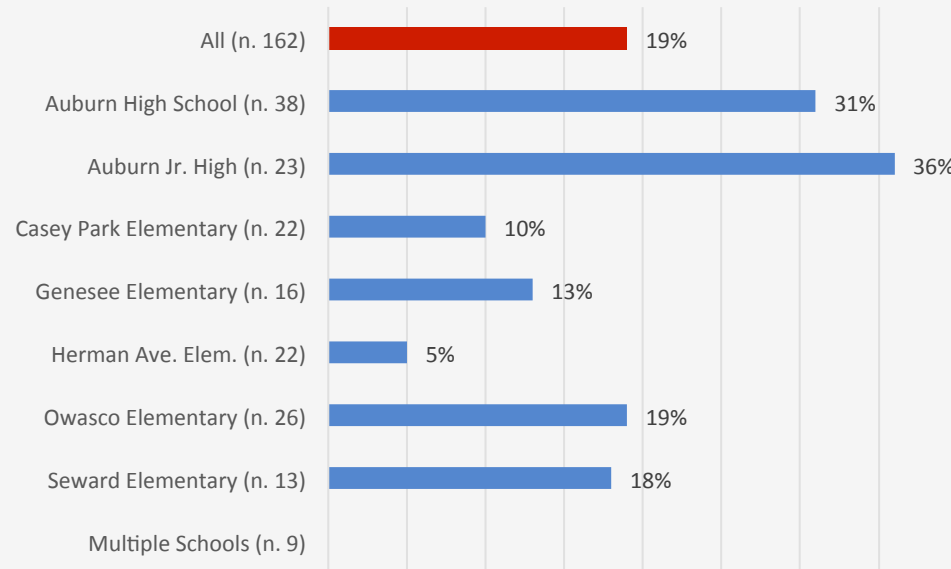❑ Only 29% of staff at Auburn High School use computers Daily

Utilization of Google Classroom

I Use Google Classroom with my Students (% Yes)

School	% Yes
All (n. 169)	47%
Auburn High School (n. 38)	68%
Genesee Elementary (n. 16)	63%
Auburn Jr. High (n. 23)	52%
Owasco Elementary (n. 26)	46%
Herman Ave. Elem. (n. 22)	45%
Seward Elementary (n. 13)	23%
Casey Park Elementary (n. 22)	23%
Multiple Schools (n. 9)	22%

Frequency: I Use Google Classroom:

School	Daily	Weekly	Monthly	Once or Twice a Marking Period	Never	% Daily/Weekly
All (n. 169)	11%	14%	12%	11%	53%	25%
Owasco Elementary (n. 26)	15%	15%	12%	8%	50%	30%
Auburn Jr. High (n. 23)	13%	17%	9%	13%	48%	30%
Genesee Elementary (n. 16)	13%	19%	19%	6%	44%	32%
Herman Ave. Elem. (n. 22)	5%	9%	18%	14%	55%	14%
Auburn High School (n. 38)	21%	21%	11%	16%	32%	42%
Casey Park Elementary (n. 22)			9%	9%	82%	0%
Seward Elementary (n. 13)		8%	8%	8%	77%	8%
Multiple Schools (n. 9)		11%	11%		78%	11%

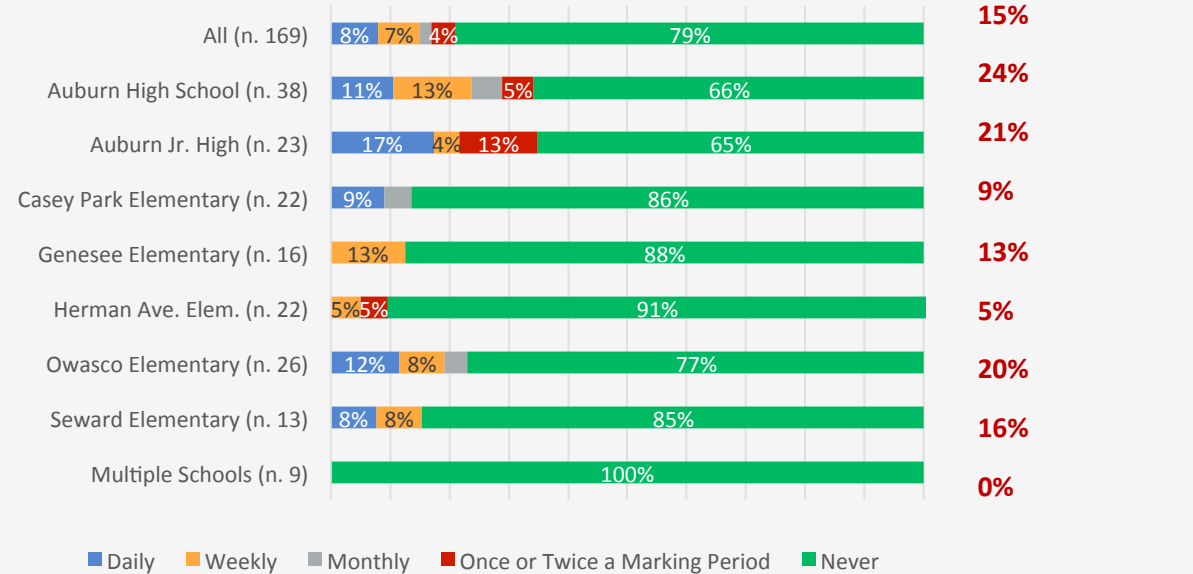Legend: ■ Daily ■ Weekly ■ Monthly ■ Once or Twice a Marking Period ■ Never

- ❑ Overall, 47% of staff use Google Classroom.
- ❑ 68% Auburn High School Staff use Google Classroom and 42% use it Daily or Weekly.
- ❑ 23% of Casey Park Staff use Google Classroom however only use Monthly or Once or Twice a Marking Period.

Utilization of GSuite Apps

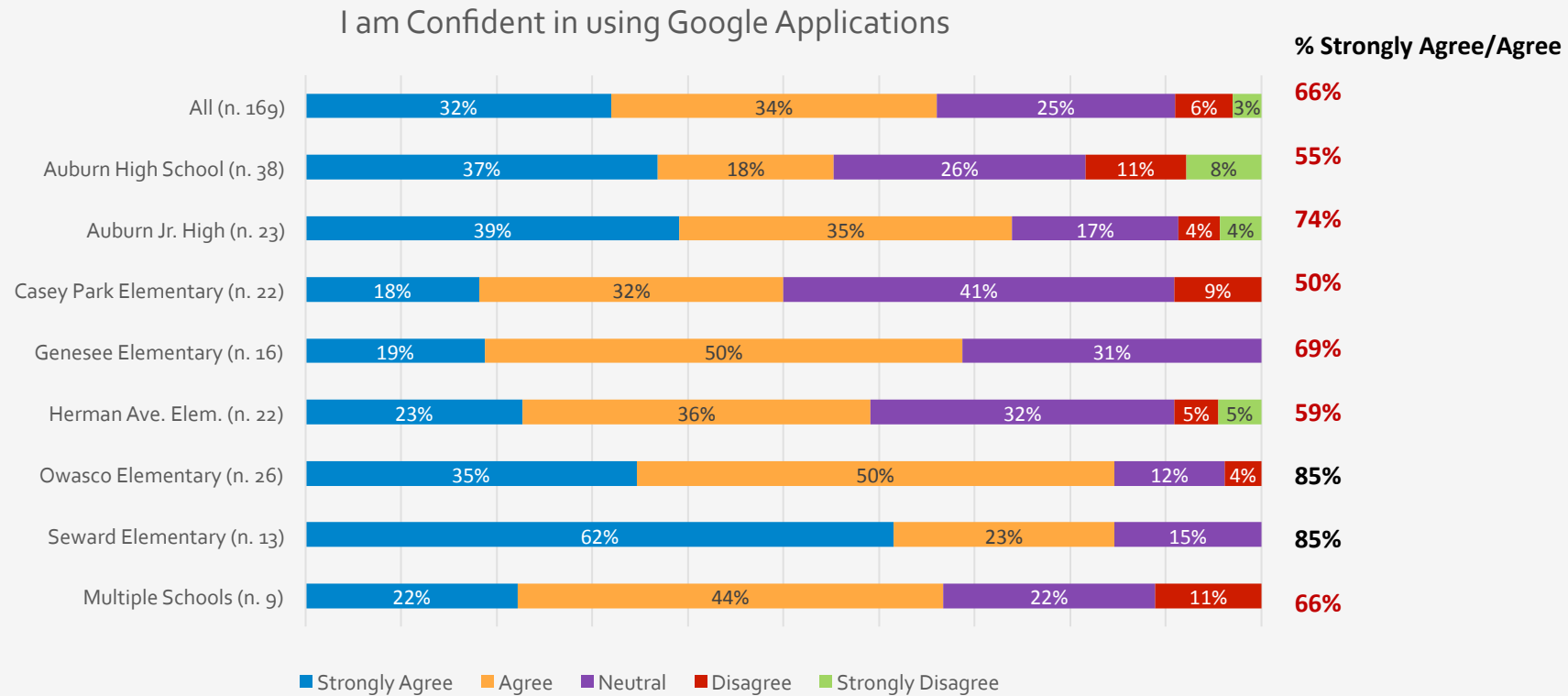## I Use GSuite Apps with my Students (% Yes)

School	% Yes
All (n. 162)	19%
Auburn High School (n. 38)	31%
Auburn Jr. High (n. 23)	36%
Casey Park Elementary (n. 22)	10%
Genesee Elementary (n. 16)	13%
Herman Ave. Elem. (n. 22)	5%
Owasco Elementary (n. 26)	19%
Seward Elementary (n. 13)	18%
Multiple Schools (n. 9)	

GSuite Frequency of Use

School	Daily	Weekly	Monthly	Once or Twice a Marking Period	Never	% Daily/Weekly
All (n. 169)	8%	7%		4%	79%	**15%**
Auburn High School (n. 38)	11%	13%		5%	66%	**24%**
Auburn Jr. High (n. 23)	17%	4%		13%	65%	**21%**
Casey Park Elementary (n. 22)	9%				86%	**9%**
Genesee Elementary (n. 16)		13%			88%	**13%**
Herman Ave. Elem. (n. 22)	5%			5%	91%	**5%**
Owasco Elementary (n. 26)	12%	8%			77%	**20%**
Seward Elementary (n. 13)	8%	8%			85%	**16%**
Multiple Schools (n. 9)					100%	**0%**

Legend: ■ Daily ■ Weekly ■ Monthly ■ Once or Twice a Marking Period ■ Never

- ❑ Overall, 19% of staff use GSuite Apps in the classroom and 15% use it Daily or Weekly.
- ❑ One-third (31% and 36%, respectively) Auburn High School and Auburn Jr. High School Staff use Gsuite and about a quarter of staff (24% and 21%, respectively) use it Daily or Weekly.
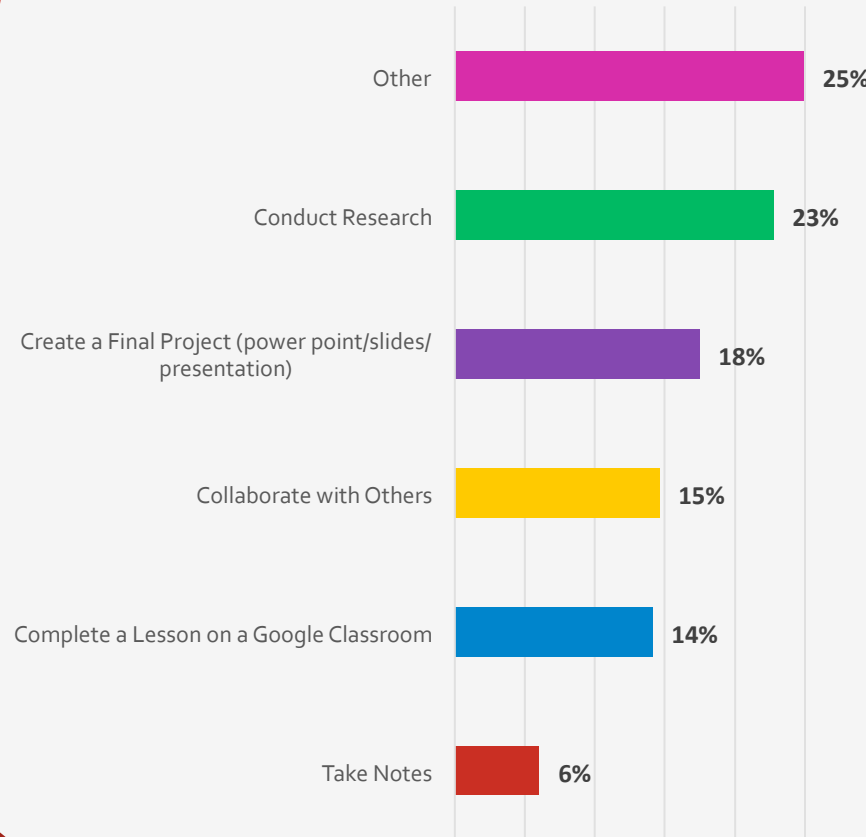- ❑ Only 5% of Herman Ave. Staff use GSuite and only 5% use it Weekly or Daily.

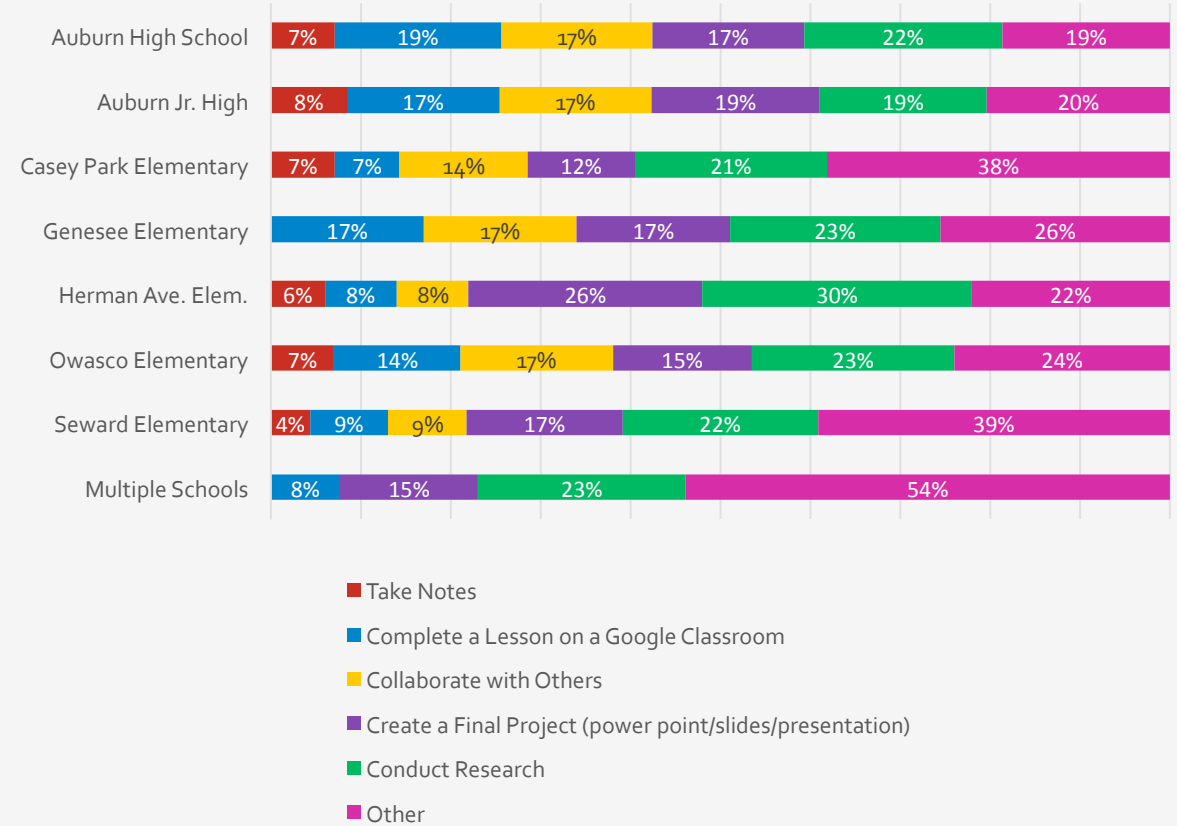# Confidence in using Google Applications (Classroom/Drive/Mail)

I am Confident in using Google Applications

School	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	% Strongly Agree/Agree
All (n. 169)	32%	34%	25%	6%	3%	66%
Auburn High School (n. 38)	37%	18%	26%	11%	8%	55%
Auburn Jr. High (n. 23)	39%	35%	17%	4%	4%	74%
Casey Park Elementary (n. 22)	18%	32%	41%	9%		50%
Genesee Elementary (n. 16)	19%	50%	31%			69%
Herman Ave. Elem. (n. 22)	23%	36%	32%	5%	5%	59%
Owasco Elementary (n. 26)	35%	50%	12%	4%		85%
Seward Elementary (n. 13)	62%	23%	15%			85%
Multiple Schools (n. 9)	22%	44%	22%	11%		66%

❏ Overall, 66% of staff are confident in using Google Applications.

❏ 5 of the 7 schools are below satisfactory (<75% Strongly Agree/Agree Rating).

❏ Owasco Elementary and Seward Elementary staff are the most confident in using Google Applications (85% Strongly Agree/Agree); Seward Elementary is highly confident with a 62% Strongly Agree Rating.

❏ Casey Park Elementary staff are the least confident in using Google Applications (50% Strongly Agree/Agree Rating). Likewise Casey Park staff are least likely to use Google Classroom or GSuite Apps.

Chromebooks/Computers: Function/Use

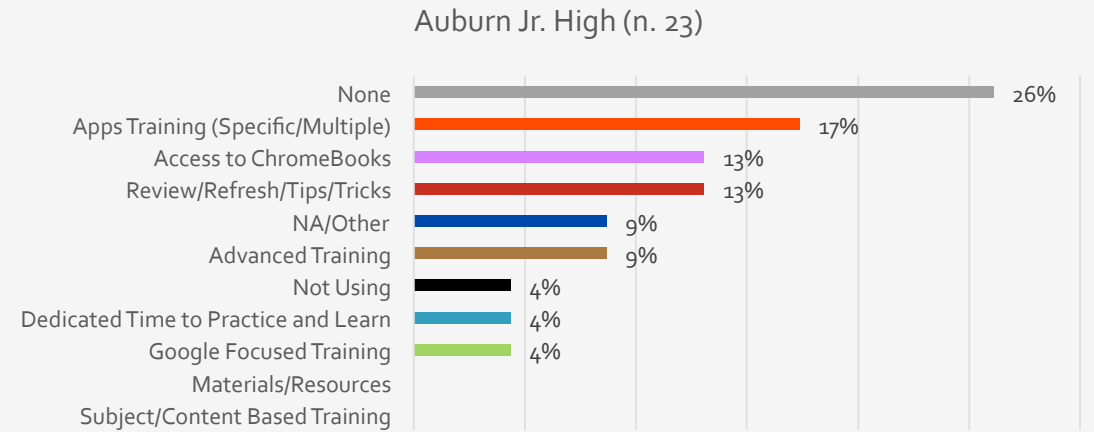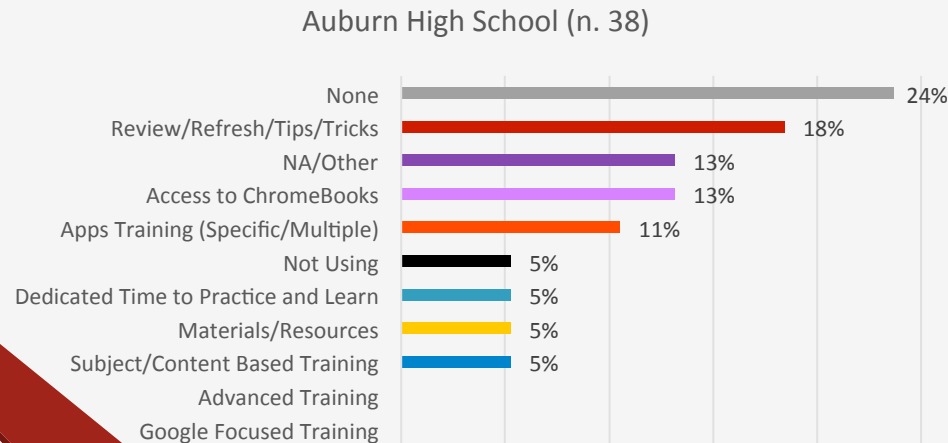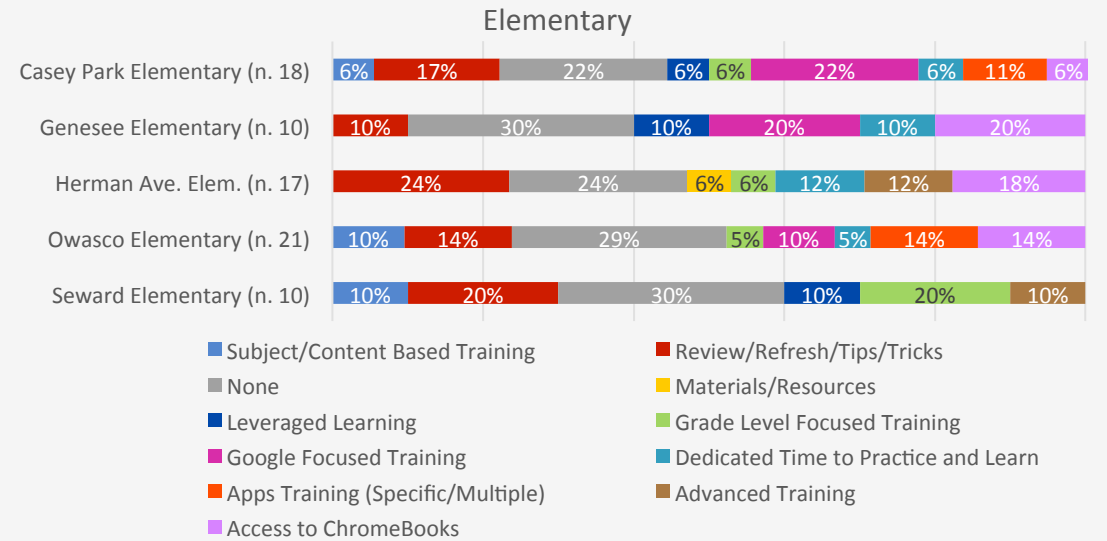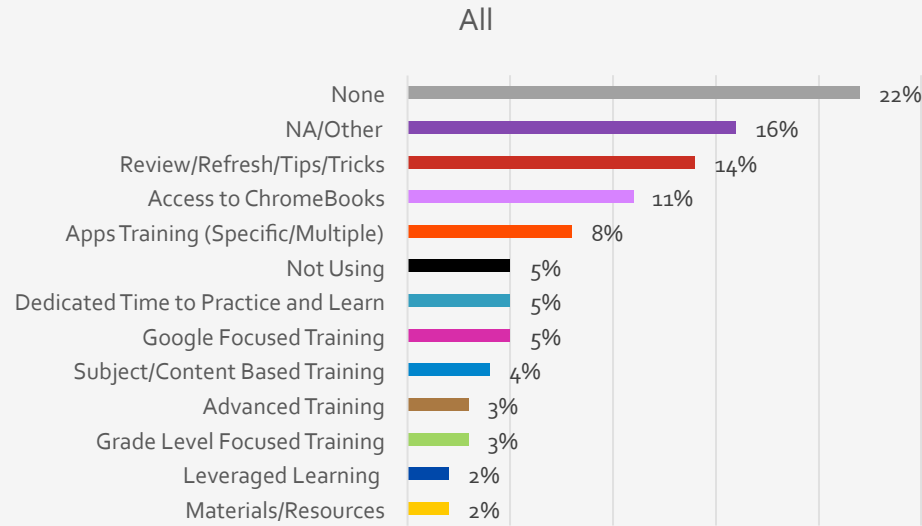## Students Use Chromebooks/Computers to: (Overall, Multiple answers allowed)

Category	Percentage
Other	25%
Conduct Research	23%
Create a Final Project (power point/slides/presentation)	18%
Collaborate with Others	15%
Complete a Lesson on a Google Classroom	14%
Take Notes	6%

Students Use Chromebooks/Computers to: (By School, Multiple answers allowed)

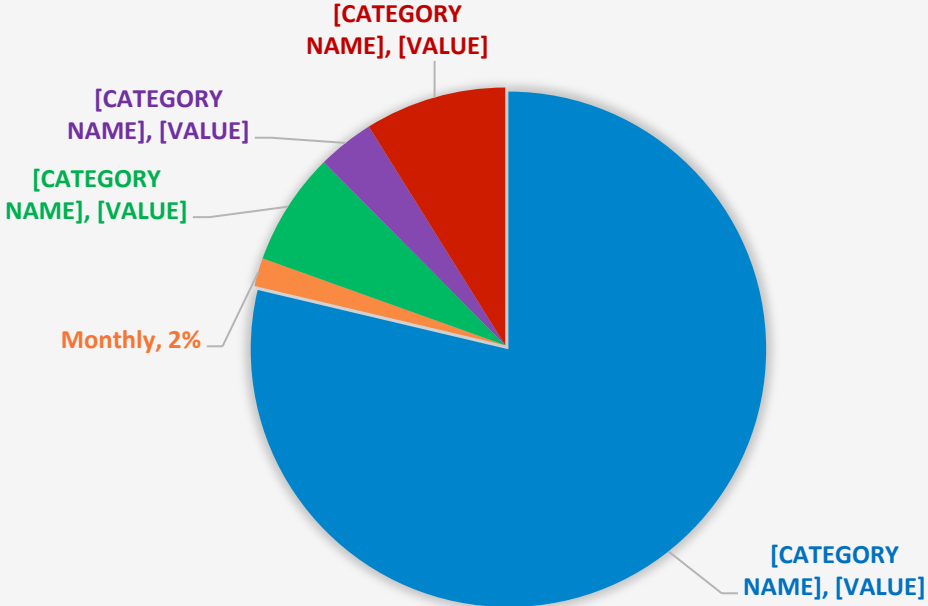| School	Take Notes	Complete a Lesson on a Google Classroom	Collaborate with Others	Create a Final Project	Conduct Research	Other
Auburn High School	7%	19%	17%	17%	22%	19%
Auburn Jr. High	8%	17%	17%	19%	19%	20%
Casey Park Elementary	7%	7%	14%	12%	21%	38%
Genesee Elementary		17%	17%	17%	23%	26%
Herman Ave. Elem.	6%	8%	8%	26%	30%	22%
Owasco Elementary	7%	14%	17%	15%	23%	24%
Seward Elementary	4%	9%	9%	17%	22%	39%
Multiple Schools		8%	15%		23%	54%

Legend:
- Take Notes
- Complete a Lesson on a Google Classroom
- Collaborate with Others
- Create a Final Project (power point/slides/presentation)
- Conduct Research
- Other

Professional Development that would be Beneficial in Increasing Chromebooks Usage in the Classroom.
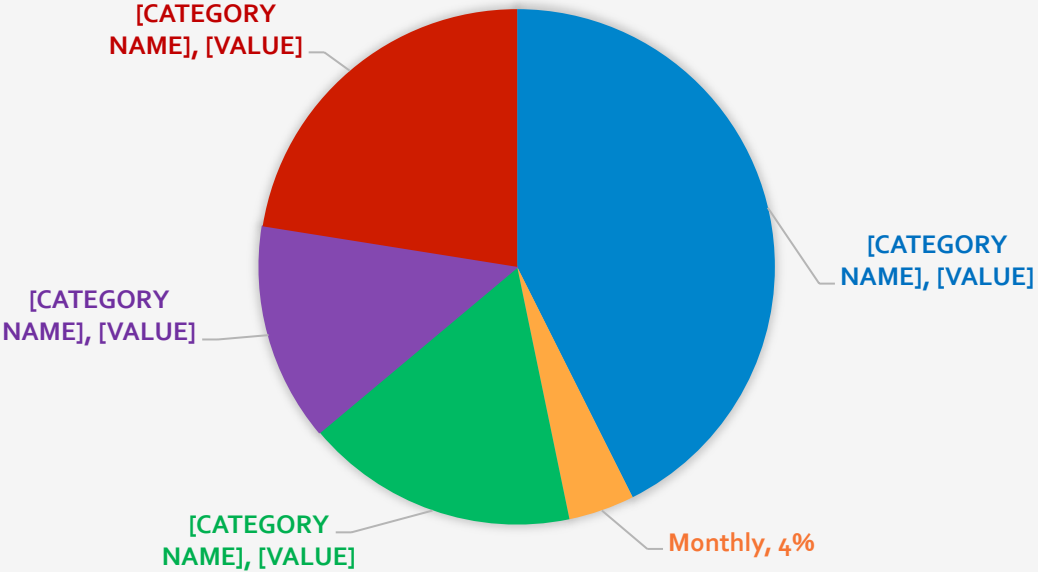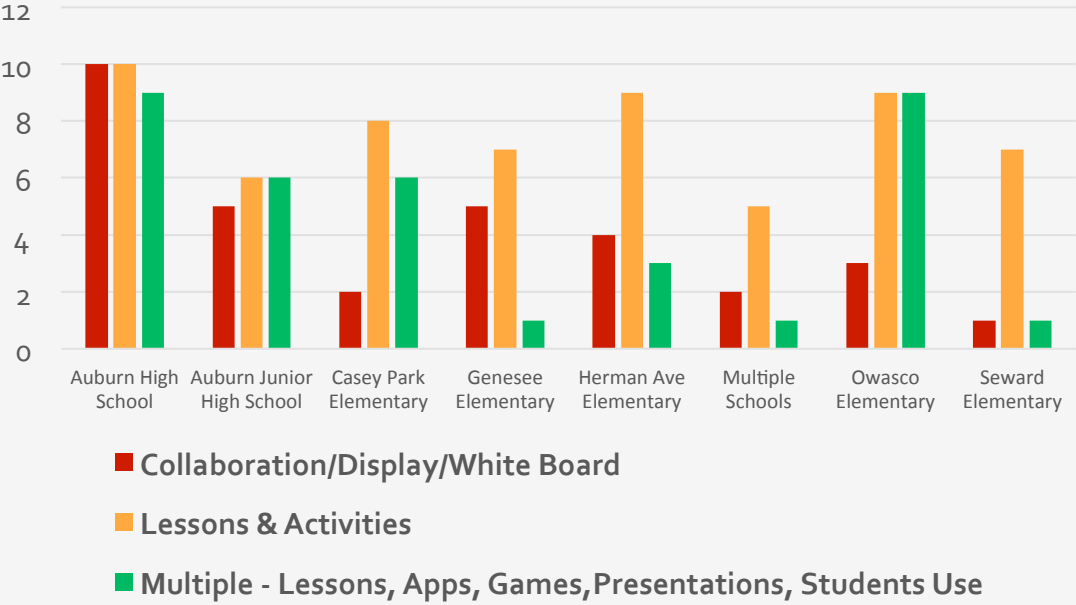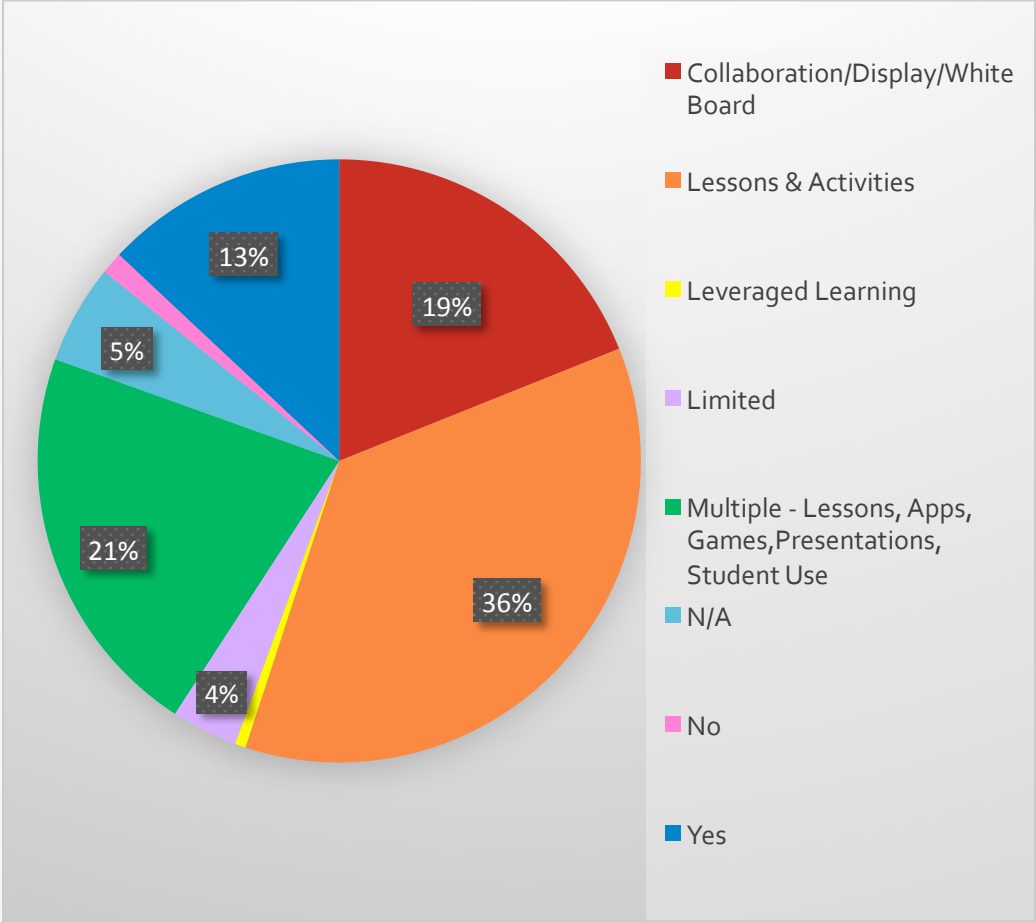
Promethean Board: Usage
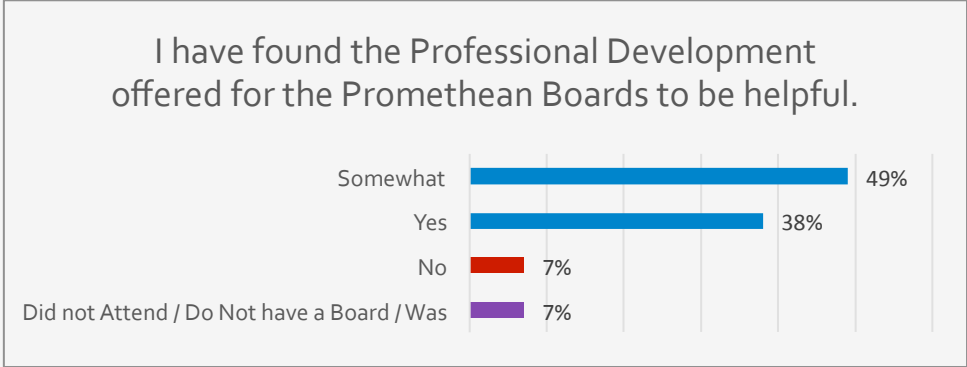
I have used Promethean Board in my Classroom

[CATEGORY NAME], [VALUE]

[CATEGORY NAME], [VALUE]

[CATEGORY NAME], [VALUE]

Monthly, 2%

[CATEGORY NAME], [VALUE]

My students use the Promethean Board in my classroom

[CATEGORY NAME], [VALUE]

[CATEGORY NAME], [VALUE]
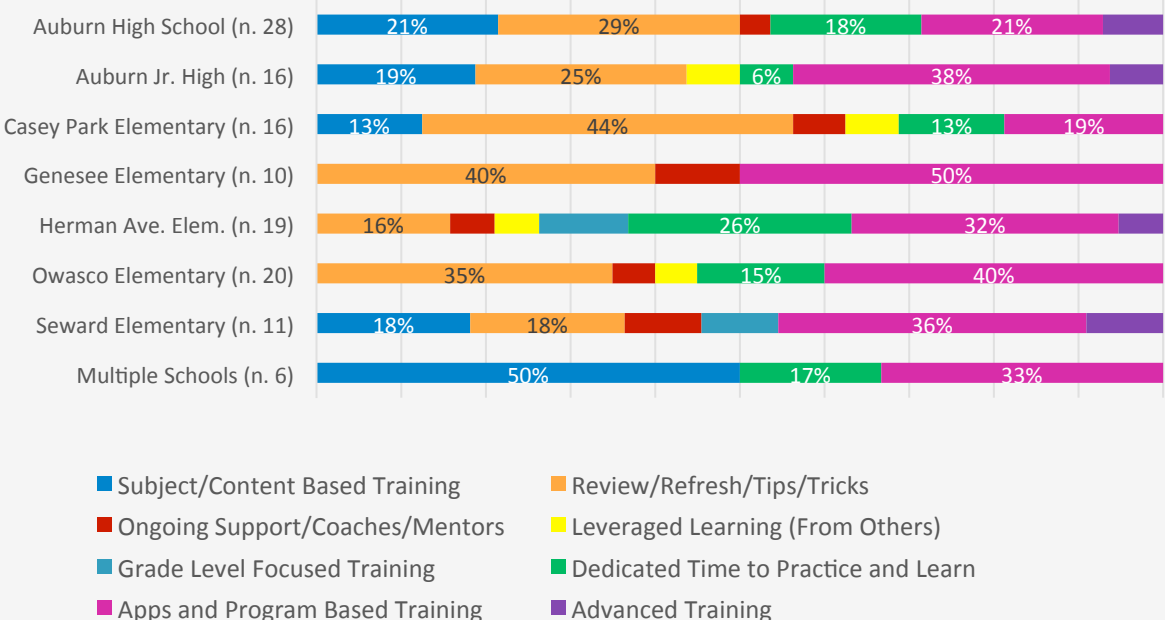
[CATEGORY NAME], [VALUE]

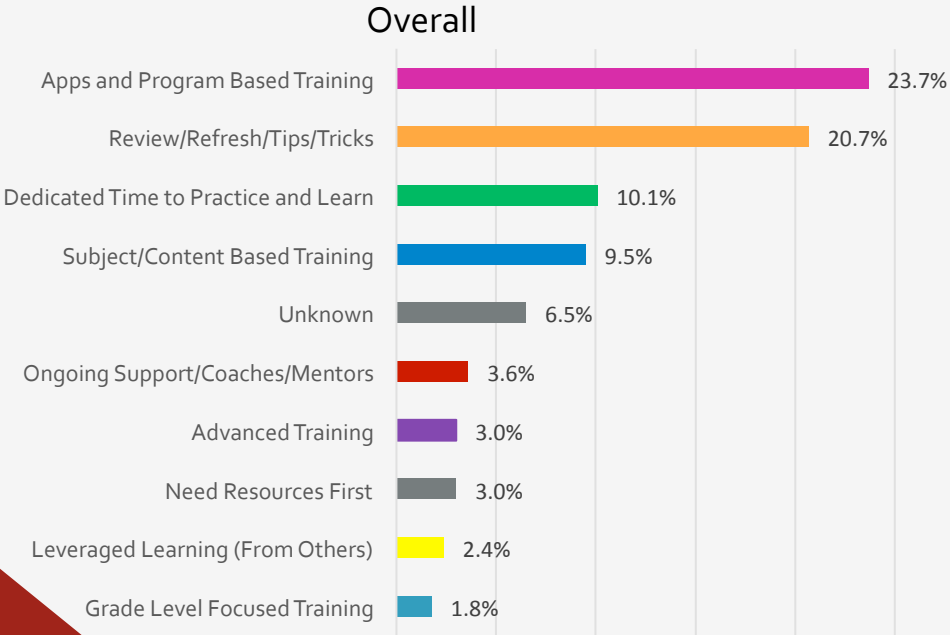Monthly, 4%

[CATEGORY NAME], [VALUE]

How Promethean Board is Used to Improve Student Engagement.

Promethean Board: Professional Development

I have found the Professional Development offered for the Promethean Boards to be helpful.

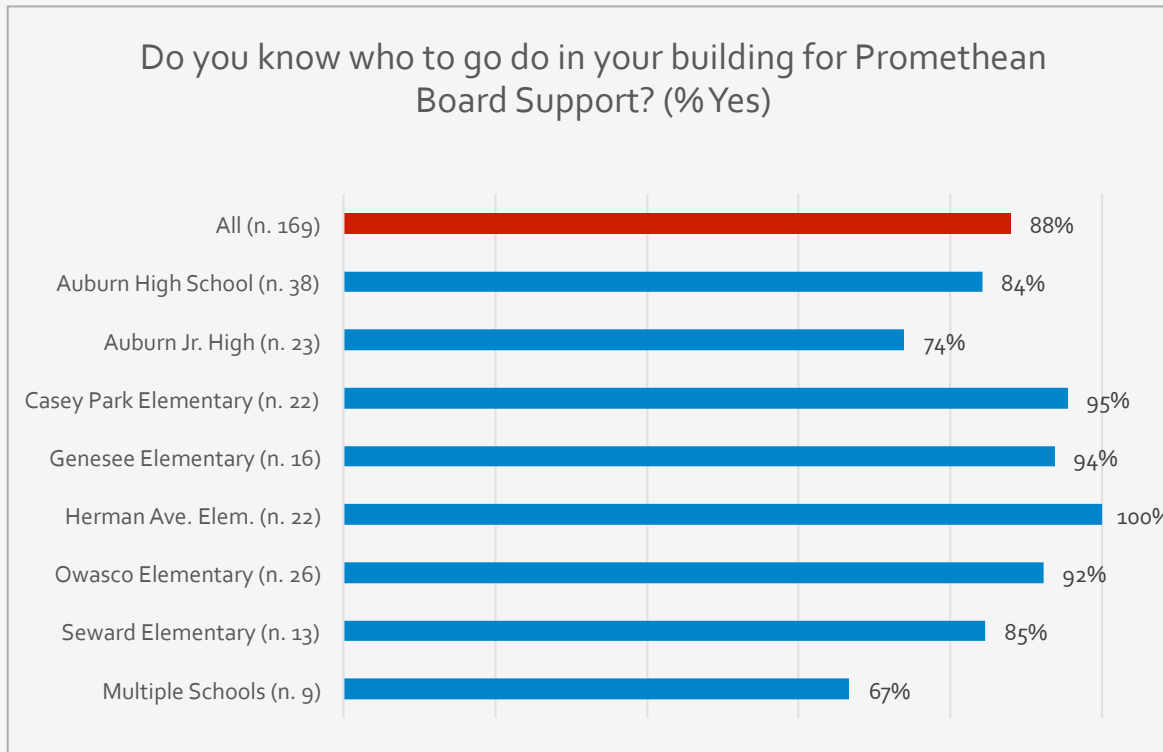| Response	Percentage
Somewhat	49%
Yes	38%
No	7%
Did not Attend / Do Not have a Board / Was	7%

Professional development that would be beneficial in increasing Promethean Board usage in the classroom.

Overall

Category	Percentage
Apps and Program Based Training	23.7%
Review/Refresh/Tips/Tricks	20.7%
Dedicated Time to Practice and Learn	10.1%
Subject/Content Based Training	9.5%
Unknown	6.5%
Ongoing Support/Coaches/Mentors	3.6%
Advanced Training	3.0%
Need Resources First	3.0%
Leveraged Learning (From Others)	2.4%
Grade Level Focused Training	1.8%

By School:

School	Subject/Content	Review/Refresh	Ongoing Support	Leveraged Learning	Grade Level	Dedicated Time	Apps and Program	Advanced
Auburn High School (n. 28)	21%	29%				18%	21%	
Auburn Jr. High (n. 16)	19%	25%			6%		38%	
Casey Park Elementary (n. 16)	13%	44%				13%	19%	
Genesee Elementary (n. 10)		40%					50%	
Herman Ave. Elem. (n. 19)		16%				26%	32%	
Owasco Elementary (n. 20)		35%				15%	40%	
Seward Elementary (n. 11)	18%	18%					36%	
Multiple Schools (n. 6)	50%					17%	33%	

Legend:
- Subject/Content Based Training
- Review/Refresh/Tips/Tricks
- Ongoing Support/Coaches/Mentors
- Leveraged Learning (From Others)
- Grade Level Focused Training
- Dedicated Time to Practice and Learn
- Apps and Program Based Training
- Advanced Training

Promethean Board: Support

Do you know who to go do in your building for Promethean Board Support? (% Yes)

School	% Yes
All (n. 169)	88%
Auburn High School (n. 38)	84%
Auburn Jr. High (n. 23)	74%
Casey Park Elementary (n. 22)	95%
Genesee Elementary (n. 16)	94%
Herman Ave. Elem. (n. 22)	100%
Owasco Elementary (n. 26)	92%
Seward Elementary (n. 13)	85%
Multiple Schools (n. 9)	67%

I have reached out to a Promethean Trainer in my building for support during the year

[CATEGORY NAME], [VALUE]

No, 48%

➢ Overall, 88% staff know who to contact for Promethean Board Support
➢ However, only 74% of Auburn Jr. High staff know who to contact for Promethean Board Support
➢ Overall, half (52%) of staff have reached out to a Promethean Trainer for support.

Confidence Level Using ClassFlow, ActivCast and ActivInspire
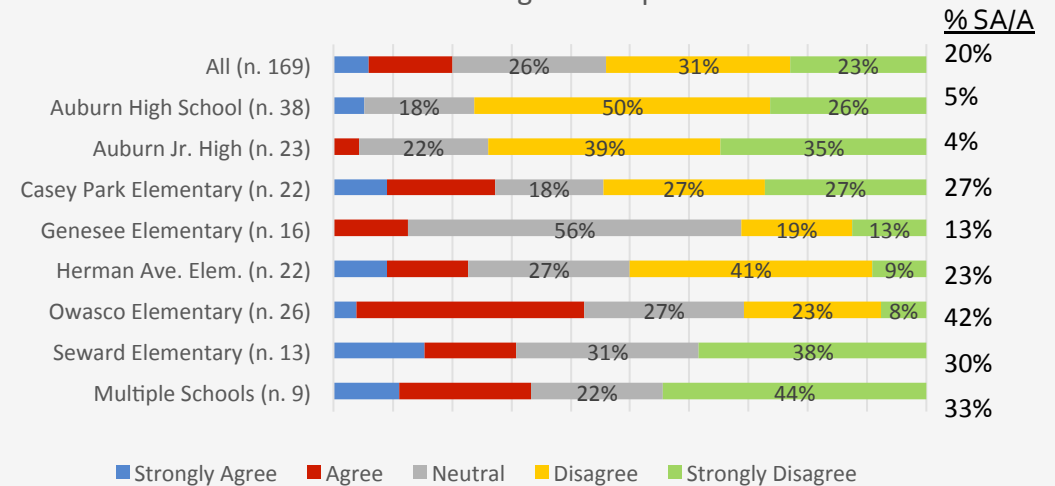
I am confident using ClassFlow

		% SA/A
All (n. 169)	25% / 38% / 27%	11%
Auburn High School (n. 38)	16% / 55% / 24%	5%
Auburn Jr. High (n. 23)	22% / 39% / 35%	4%
Casey Park Elementary (n. 22)	23% / 27% / 36%	14%
Genesee Elementary (n. 16)	50% / 19% / 19%	13%
Herman Ave. Elem. (n. 22)	36% / 41% / 14%	9%
Owasco Elementary (n. 26)	23% / 42% / 15%	19%
Seward Elementary (n. 13)	23% / 23% / 46%	8%
Multiple Schools (n. 9)	11% / 33% / 44%	11%

■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

I am confident using ActivCast

		% SA/A
All (n. 169)	24% / 39% / 24%	13%
Auburn High School (n. 38)	16% / 47% / 26%	10%
Auburn Jr. High (n. 23)	26% / 39% / 30%	4%
Casey Park Elementary (n. 22)	18% / 36% / 27%	18%
Genesee Elementary (n. 16)	44% / 31% / 13%	13%
Herman Ave. Elem. (n. 22)	32% / 41% / 23%	5%
Owasco Elementary (n. 26)	23% / 38% / 12%	27%
Seward Elementary (n. 13)	23% / 31% / 38%	8%
Multiple Schools (n. 9)	22% / 33% / 33%	11%

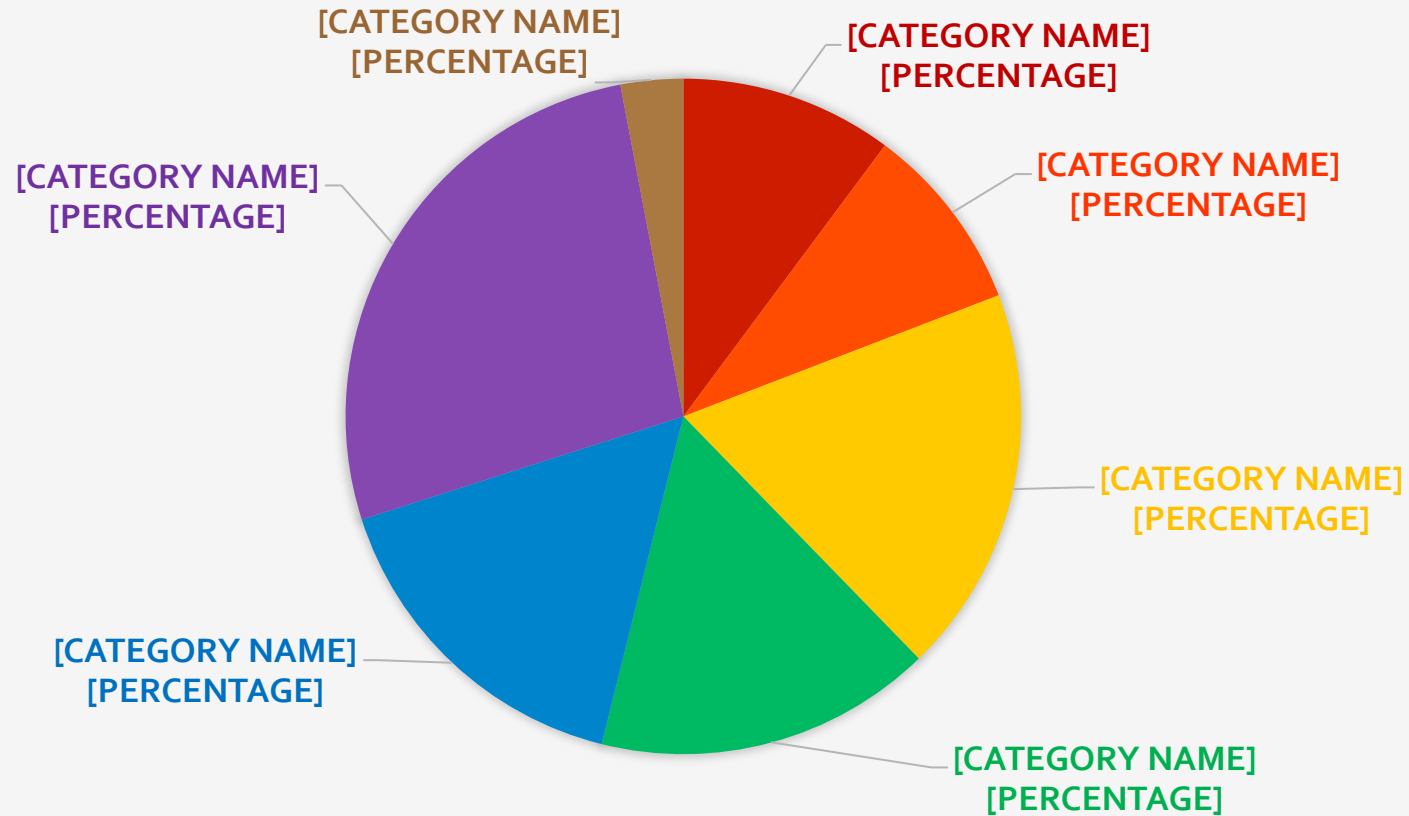■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

■ Overall, staff are most confident in using ActivInspire (20% Strongly Agree/Agree Rating)

■ In comparing the school buildings:

    o Owasco Elementary staff are the most confident in using ClassFlow (19% SA/A), ActivCast (27% SA/A) and ActiveInspire (42% SA/A).

    o Auburn High School and Auburn Jr. High staff are the least confident in using ClassFlow and ActivInspire (5% and 4% SA/A).

    o Auburn Jr. High and Herman Ave. Elementary are the least confident in using ActivCast (4% and 5% SA/A).

I am confident using ActivInspire

		% SA/A
All (n. 169)	26% / 31% / 23%	20%
Auburn High School (n. 38)	18% / 50% / 26%	5%
Auburn Jr. High (n. 23)	22% / 39% / 35%	4%
Casey Park Elementary (n. 22)	18% / 27% / 27%	27%
Genesee Elementary (n. 16)	56% / 19% / 13%	13%
Herman Ave. Elem. (n. 22)	27% / 41% / 9%	23%
Owasco Elementary (n. 26)	27% / 23% / 8%	42%
Seward Elementary (n. 13)	31% / 38%	30%
Multiple Schools (n. 9)	22% / 44%	33%

■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree

When I think about using technology in my classroom, I hesitate because of:

[CATEGORY NAME]
[PERCENTAGE]

[CATEGORY NAME]
[PERCENTAGE]

[CATEGORY NAME]
[PERCENTAGE]

[CATEGORY NAME]
[PERCENTAGE]

[CATEGORY NAME]
[PERCENTAGE]

[CATEGORY NAME]
[PERCENTAGE]

[CATEGORY NAME]
[PERCENTAGE]

- ❑ More than a quarter (27%) of staff hesitate in using technology because of Lack of Time/Value
- ❑ 16% of staff have no hesitation in using technology
- ❑ 19% of staff hesitate due to Lack of Knowledge

Sample Responses from each Response Category
"When I think about using technology in my classroom, I hesitate because of:"

Connectivity

"The internet often cuts out and causes problems."

"I do not hesitate, but bandwidth speed can cause interruptions or even cause lessons to be cancelled."

Glitches

"Technical Difficulties.. Promethean board doesn't work properly with some flipcharts that I have used before. It will mess with the lesson that I had planned, and those days will have to be improvised until I can fix it or find someone to fix it."

Lack of Knowledge (Apps, Tools, Experience)

"I only know how to do the basics of the promethean board. I don't know what to do with google classroom except to share my google slide with my students."

"There are so many applications to use, I'm not sure which one will best suit my class"

Lack of Materials/Resources

"Not always available to use when I want it. There are not enough devices for students to use regularly"

No Hesitation

"I don't. I love it."

Lack of Time/Value

"Lack of district support and appropriate programing needed when using under my content area. Many materials are far outdated with no effort to update or support resulting loss of resources"

Other

"creates conflict between students"

"Students Ability"

Conclusions & Recommendations

Conclusions

- Overall 91% of staff use Computers in the classroom. Although 96% Auburn Jr. High Staff use computers in the classroom, only 47% of staff use them Daily or Weekly – 81% Daily/Weekly staff average for other buildings.

- 47% of overall staff use Google Classroom. Auburn High School uses it the most (68%) while Casey Park uses it the least (23%).

- Overall 19% of staff use Apps in the classroom and 15% use it Daily or Weekly. However, only 5% of Herman Ave. Staff use GSuite and only 5% use it Weekly or Daily.

- Overall, 66% of staff are confident in using Google Applications. Owasco Elementary and Seward Elementary staff are the most confident. Casey Park Elementary staff are the least confident.

- Students use Chromebooks/Computers for to Conduct Research, Create Final Project and Other Applications.

- 38% indicated that no professional development would be beneficial in increasing usage of Chromebooks. However review/refresher/ tips/trick and access to Chromebooks would be somewhat beneficial.

- More than three-quarters (88%) of staff use Promethean Board in the Classroom Daily or Weekly and more than half (55%) of students use Promethean Board in the Classroom Daily or Weekly.

- Promethean Board is used for Collaboration/Display/White Board, Lessons & Activities and for multiple uses such as for games, presentation and student use.

- Professional development that would be beneficial in increasing Promethean Board usage are Apps and Program-Based Training and Review/Refresher/Tips and Tricks.

- 88% staff know who to contact for Promethean Board Support and 52% have reached out to a Promethean Trainer for support.

- Staff are most confident in using ActivInspire. Owasco Elementary staff are the most confident in using ClassFlow , ActivCast and ActiveInspire. Auburn High School and Auburn Jr. High staff are the least confident in using ClassFlow and ActivInspire. Auburn Jr. High and Herman Ave. Elementary are the least confident in using ActivCast.

- More than a quarter (27%) of staff hesitate in using technology because of Lack of Time/Value and 19% hesitate due to Lack of Knowledge. 16% of staff have no hesitation in using technology.

Recommendations

- **Utilize the data arrayed** to plan professional development and other outreach/support in the 2019-2020 year.

- **Vet the data, related recommendations and professional development plans/priorities** for 2019-2020 with key stakeholders within and across buildings so that there is broad buy in, in put and support to the proposed work.

- **Share the information provided broadly** since the Learning Technologies grant is just a small piece of what is happening in the District related to technology integration. The evaluation team understands this and encourages the District to utilize the opportunity to conduct an independent evaluation within the Learning Technologies grant to inform related efforts across the Auburn Enlarged City Schools.

- **Plan to share information/artifacts with the evaluation team** related to the District's planning work as that is a key output of the Learning Technologies grant (a district-wide plan). The team is pleased to provide feedback and support as needed.

- Related, the **evaluation team is pleased to provide input to the final annual report** required by SED and put these data and related recommendations in a format that may be uploaded to the NYSED-required platform with that report.