Appendix B - Teacher Tech Assessment Report
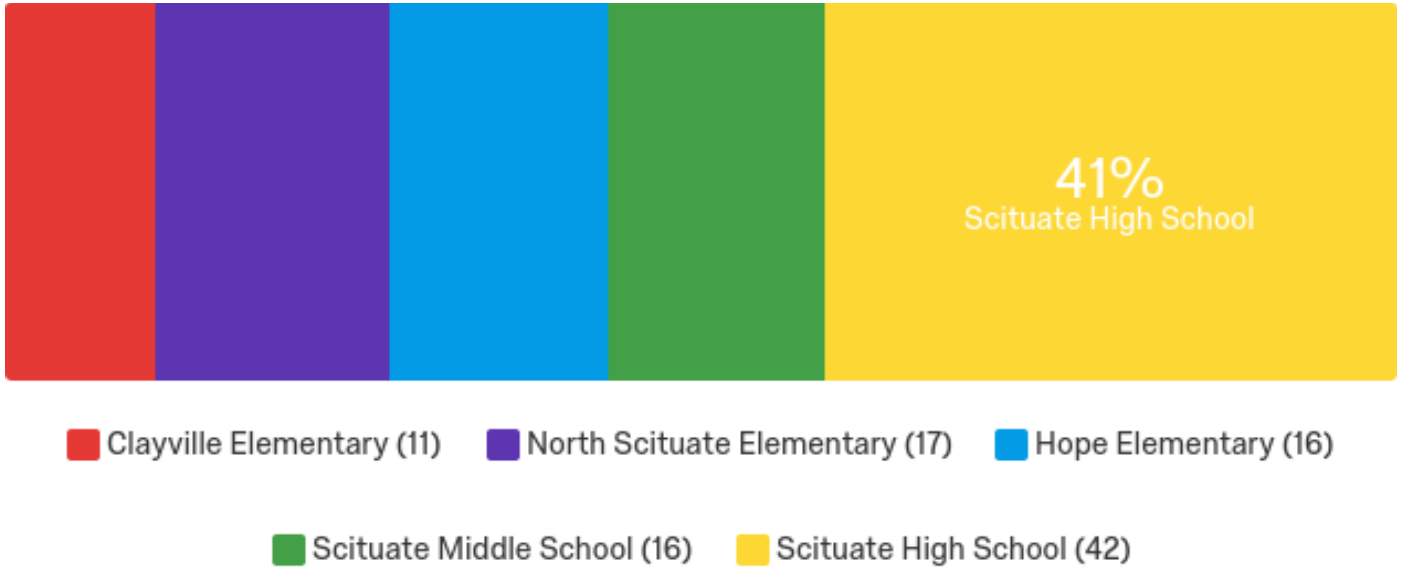
Q3 - Which school do you teach at?

■ Clayville Elementary (11)   ■ North Scituate Elementary (17)   ■ Hope Elementary (16)

■ Scituate Middle School (16)   ■ Scituate High School (42)

#	Answer	%	Count
1	Clayville Elementary	10.78%	11
2	North Scituate Elementary	16.67%	17
3	Hope Elementary	15.69%	16
4	Scituate Middle School	15.69%	16
5	Scituate High School	41.18%	42
	Total	100%	102

Q5 - How many years experience do you have as an educator?

First Year (2)   2-4 Years (10)   5-10 Years (9)   11-15 Years (19)

16+ Years (57)

#	Answer	%	Count
1	First Year	2.06%	2
2	2-4 Years	10.31%	10
3	5-10 Years	9.28%	9
4	11-15 Years	19.59%	19
5	16+ Years	58.76%	57
	Total	100%	97

Q6 - What subjects do you teach, or have taught? Please select all that apply.
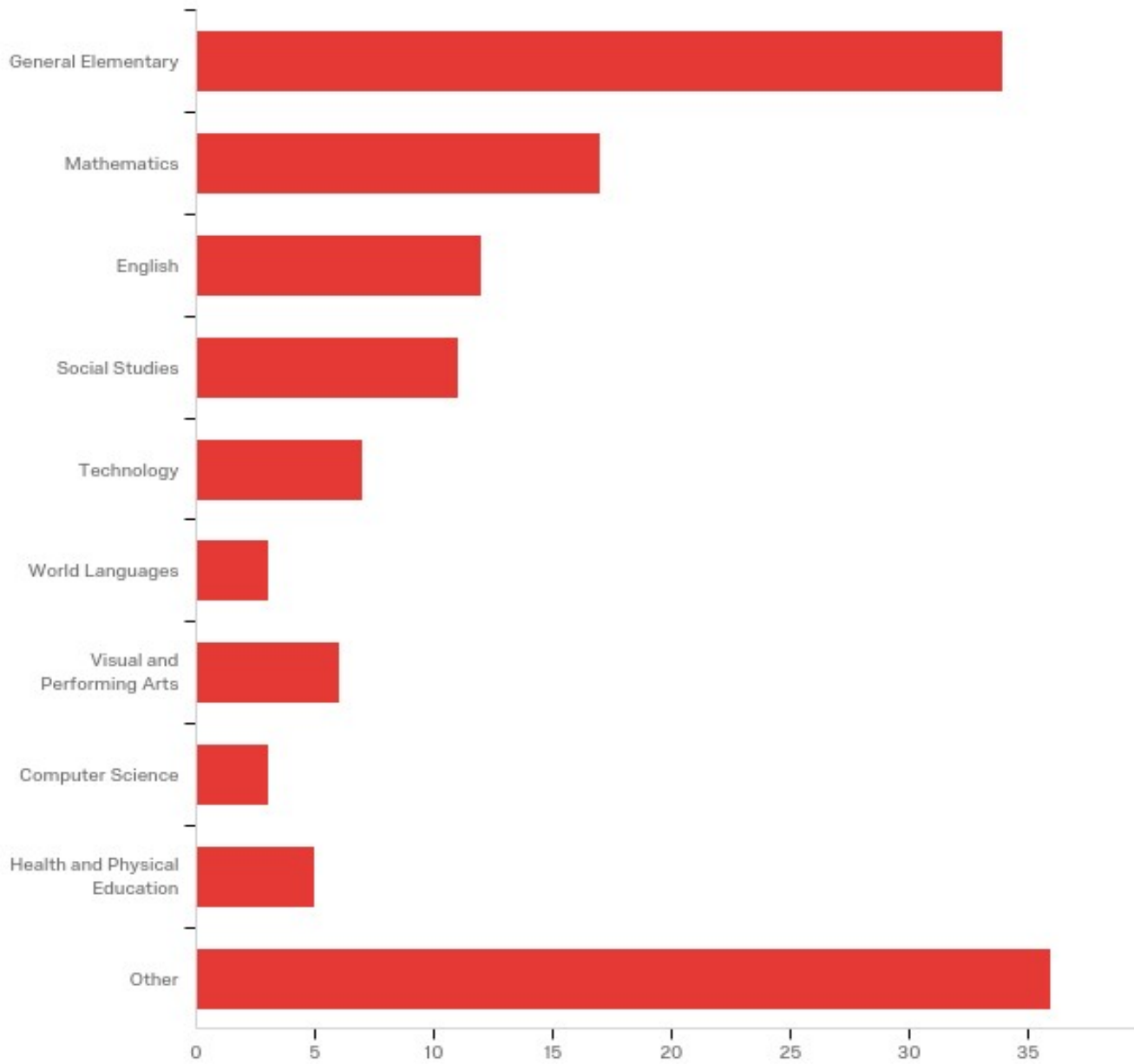
#	Answer	%	Count
1	General Elementary	35.42%	34
2	Mathematics	17.71%	17
3	English	12.50%	12
4	Social Studies	11.46%	11
5	Technology	7.29%	7
6	World Languages	3.13%	3

7	Visual and Performing Arts	6.25%	6
8	Computer Science	3.13%	3
9	Health and Physical Education	5.21%	5
10	Other	37.50%	36
	Total	100%	96

Q22 - Please select the level of digital access available to parents/guardians at your school.

42%
School Website

■ School Website (86)   ■ Student grades (for which the parent/guardian is authorized) (58)

■ Class websites for the parent/guardian's student (36)

■ A digital learning environment that is parent/guardian-friendly, easily accessible, and transparent to navigate (12)

■ Other (12)
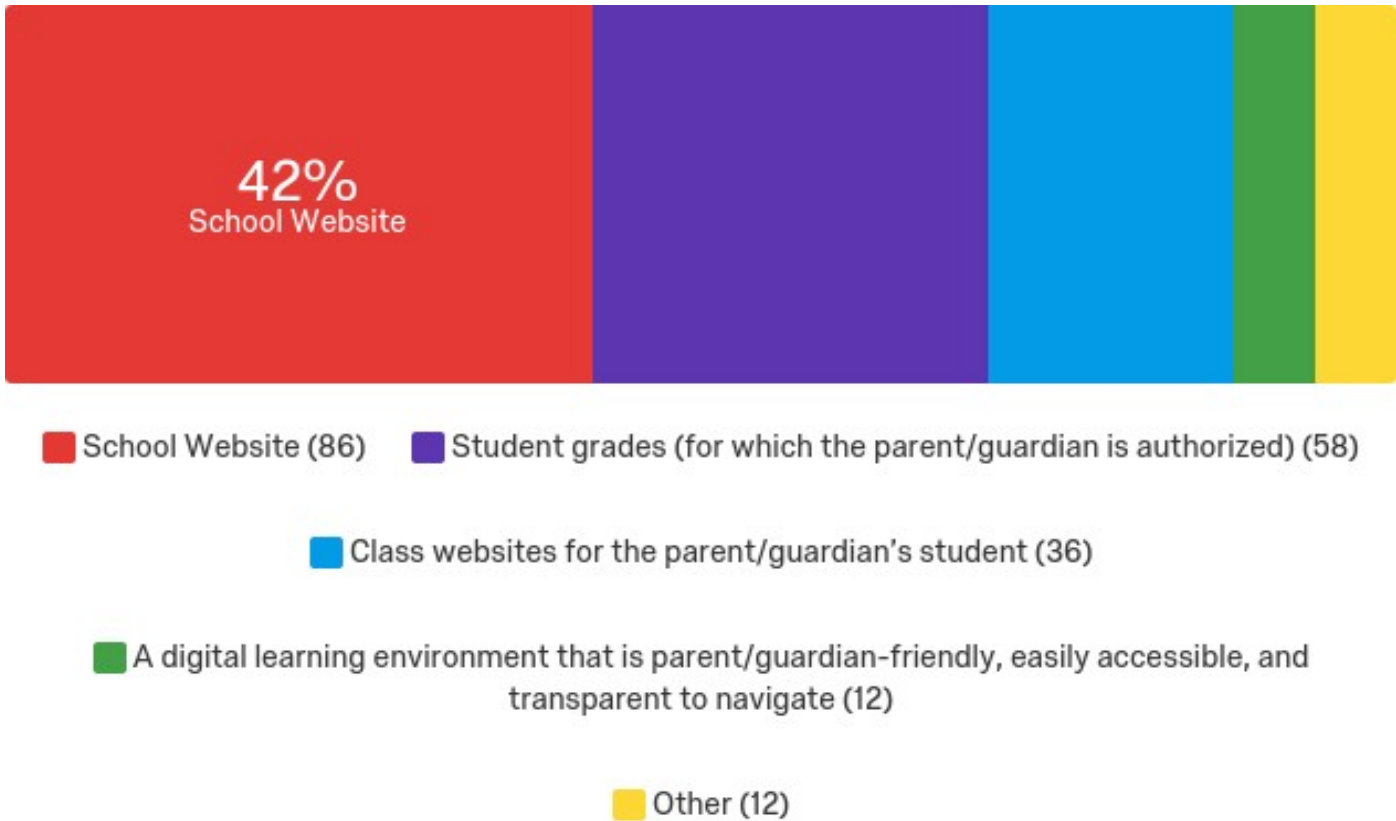
#	Answer	%	Count
1	School Website	88.66%	86
2	Student grades (for which the parent/guardian is authorized)	59.79%	58
3	Class websites for the parent/guardian's student	37.11%	36
4	A digital learning environment that is parent/guardian-friendly, easily accessible, and transparent to navigate	12.37%	12
6	Other	12.37%	12
	Total	100%	97

Other

Other
Padlet is used in my room for parents to view pictures and videos

| |
|---|
| Team homework website is avaiable to parents |
| Utilization of digital devices to enhance curricuum |
| dojo and padlet use |
| text has digital website for audio, video and written practice |
| Twitter for classes, use of the Remind app |
| Some, not all, teachers have class websites. |

Q8 - Which of the following types of technology do you use in your classroom for instruction. Please select all that apply.
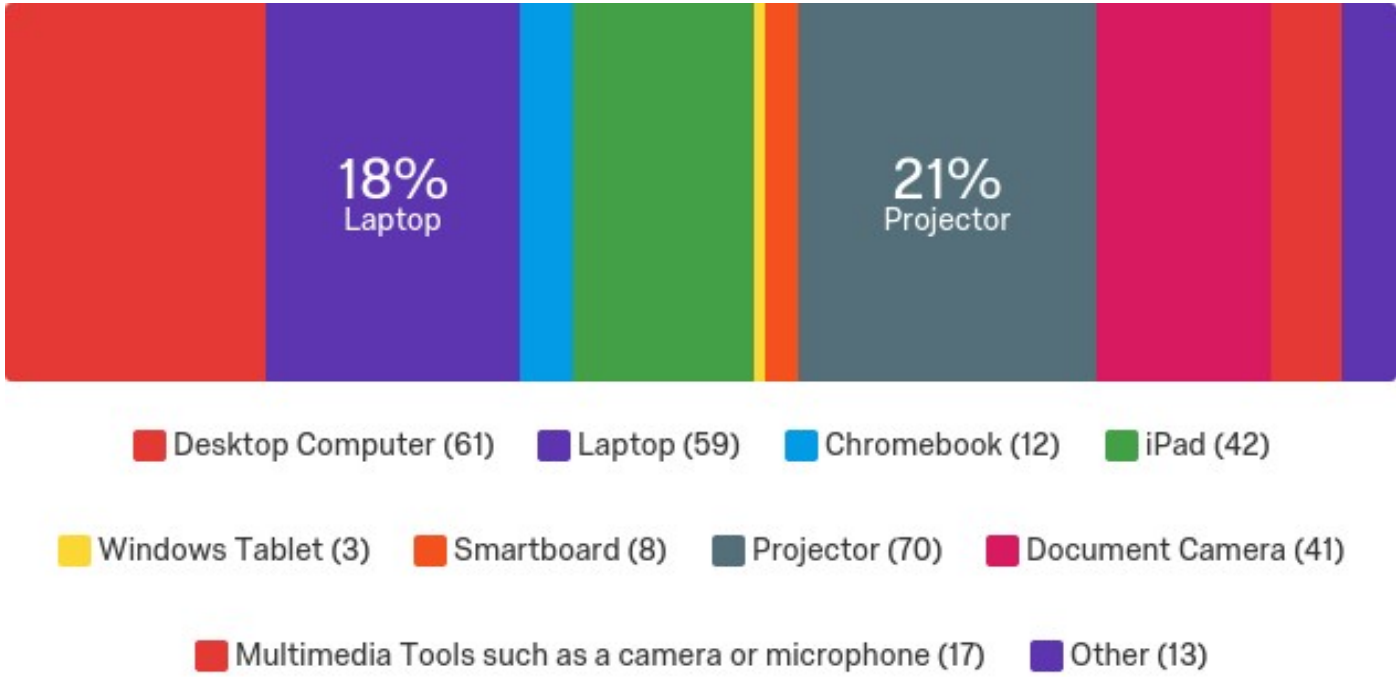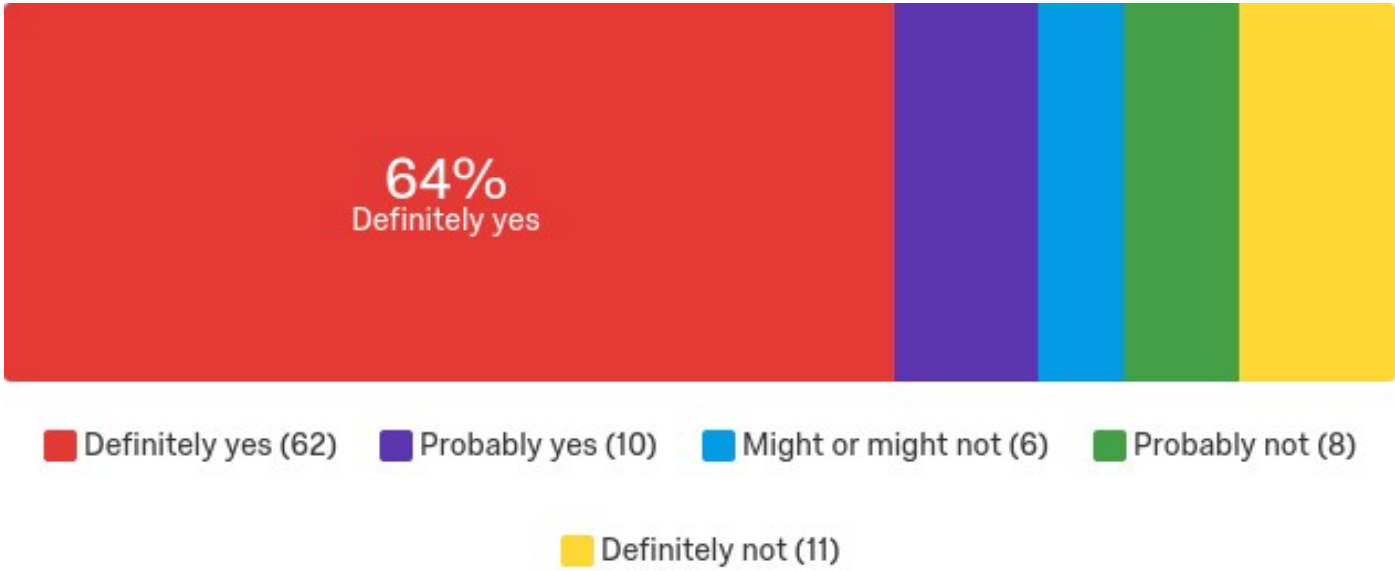

#	Answer	%	Count
1	Desktop Computer	62.89%	61
2	Laptop	60.82%	59
3	Chromebook	12.37%	12
4	iPad	43.30%	42
5	Windows Tablet	3.09%	3
6	Smartboard	8.25%	8
7	Projector	72.16%	70
8	Document Camera	42.27%	41
9	Multimedia Tools such as a camera or microphone	17.53%	17
10	Other	13.40%	13
	Total	100%	97

Other

Other
elmo
mimio (it is similar to a smartboard)
School does not provide laptop
Nooks
Phone
Graphing Calculator
Projection screen
Android tablets & smartphones
Graphing calculators

Q9 - Does your school have a Bring Your Own Device (BYOD) program that allows students to use their own devices in the classroom?

#	Answer	%	Count
1	Definitely yes	63.92%	62
2	Probably yes	10.31%	10
3	Might or might not	6.19%	6
4	Probably not	8.25%	8
5	Definitely not	11.34%	11
	Total	100%	97

Q10 - On average, on how many students use their own device for learning in the classroom?
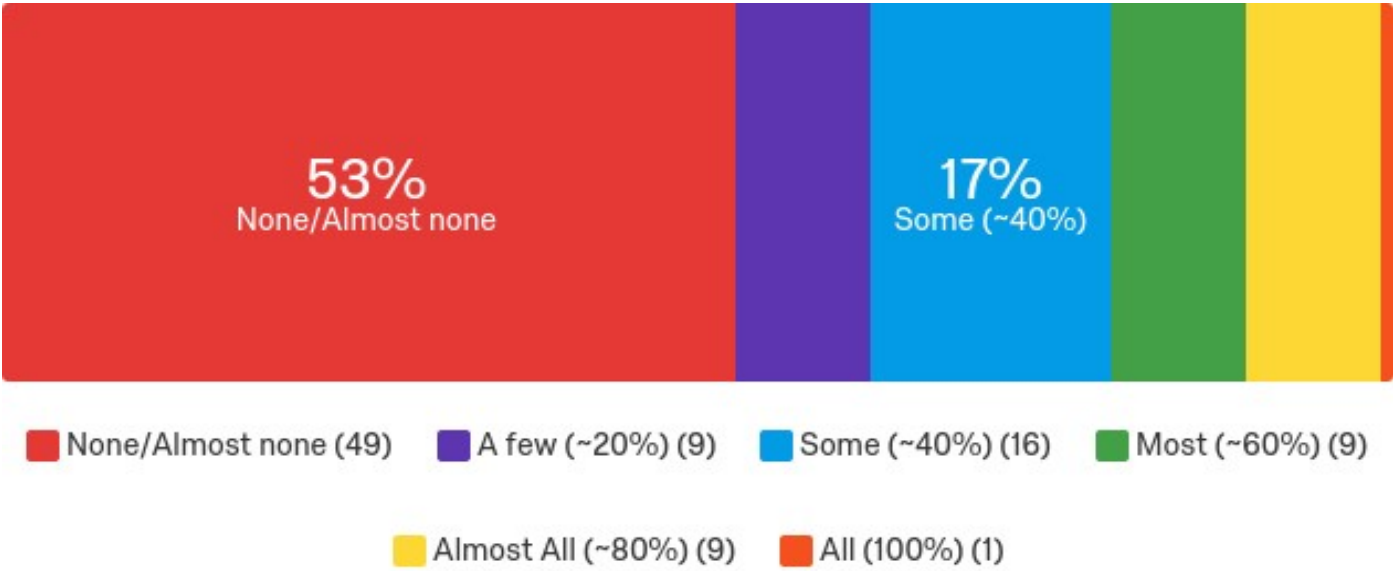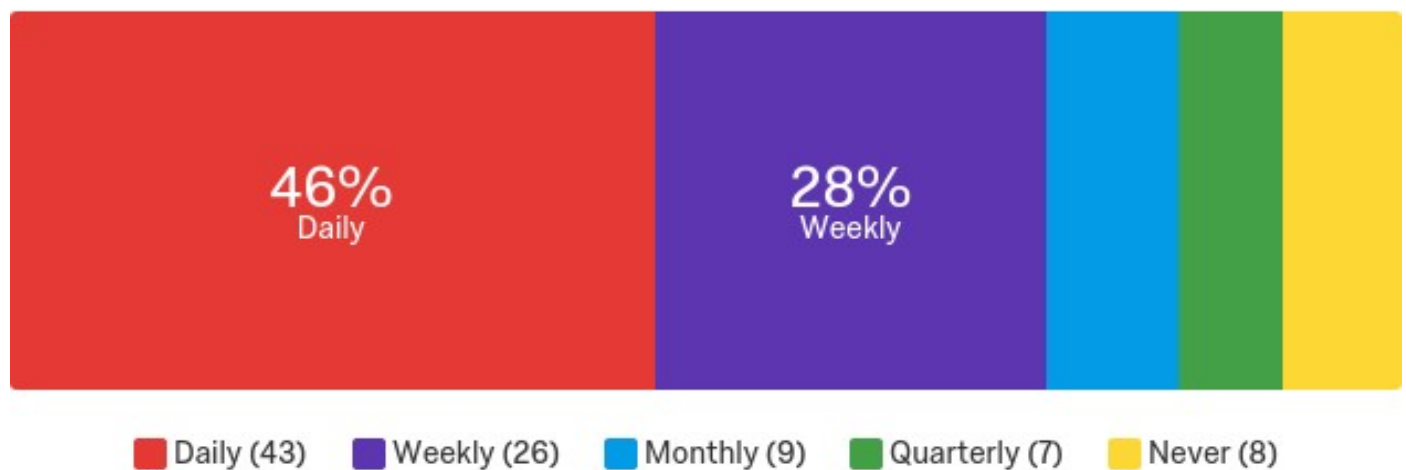

#	Answer	%	Count
1	None/Almost none	52.69%	49
2	A few (~20%)	9.68%	9
3	Some (~40%)	17.20%	16
4	Most (~60%)	9.68%	9
5	Almost All (~80%)	9.68%	9
6	All (100%)	1.08%	1
	Total	100%	93

Q11 - Please indicate how often you use the following technology in your classroom.

The Internet for Research
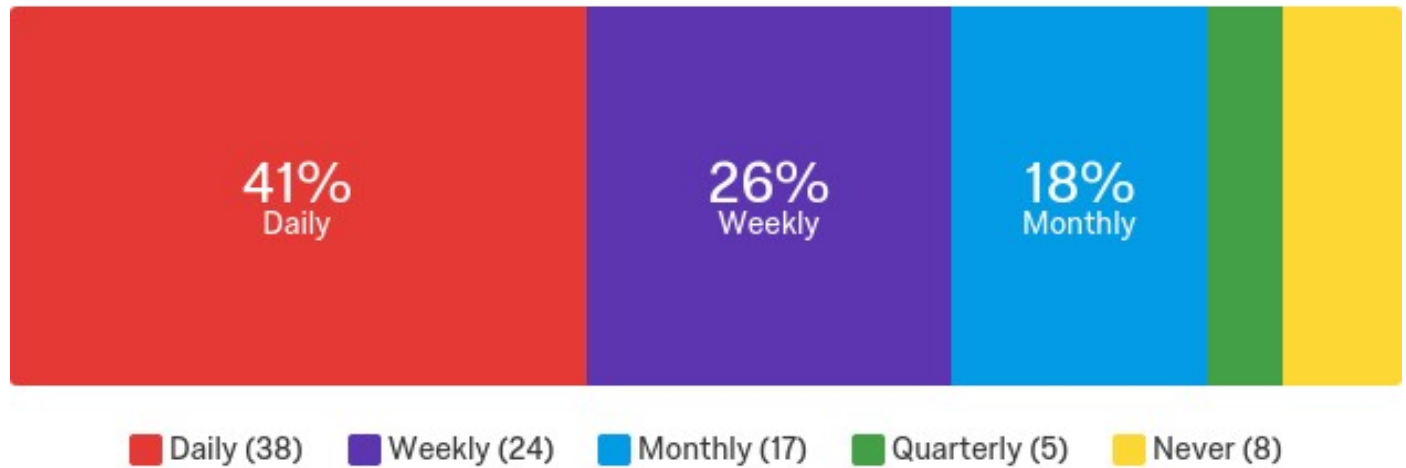
41% Daily | 26% Weekly | 18% Monthly

■ Daily (38) ■ Weekly (24) ■ Monthly (17) ■ Quarterly (5) ■ Never (8)

Word Processing (Word, Google Docs...)

46% Daily | 28% Weekly

■ Daily (43) ■ Weekly (26) ■ Monthly (9) ■ Quarterly (7) ■ Never (8)

Spreadsheets (Excel, Google Sheets...)

16% Weekly | 18% Quarterly | 44% Never

■ Daily (7) ■ Weekly (14) ■ Monthly (13) ■ Quarterly (16) ■ Never (39)

Presentation Applications (PowerPoint, Google Slides, Prezi...)
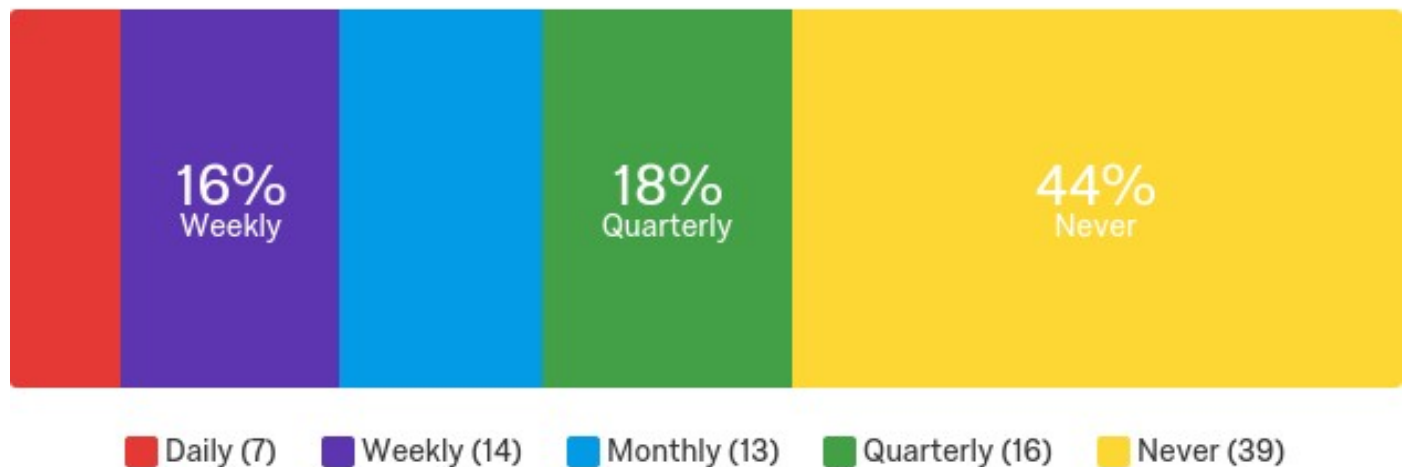
29% Monthly **23%** Quarterly **21%** Never

■ Daily (13) ■ Weekly (11) ■ Monthly (26) ■ Quarterly (21) ■ Never (19)

Video Production

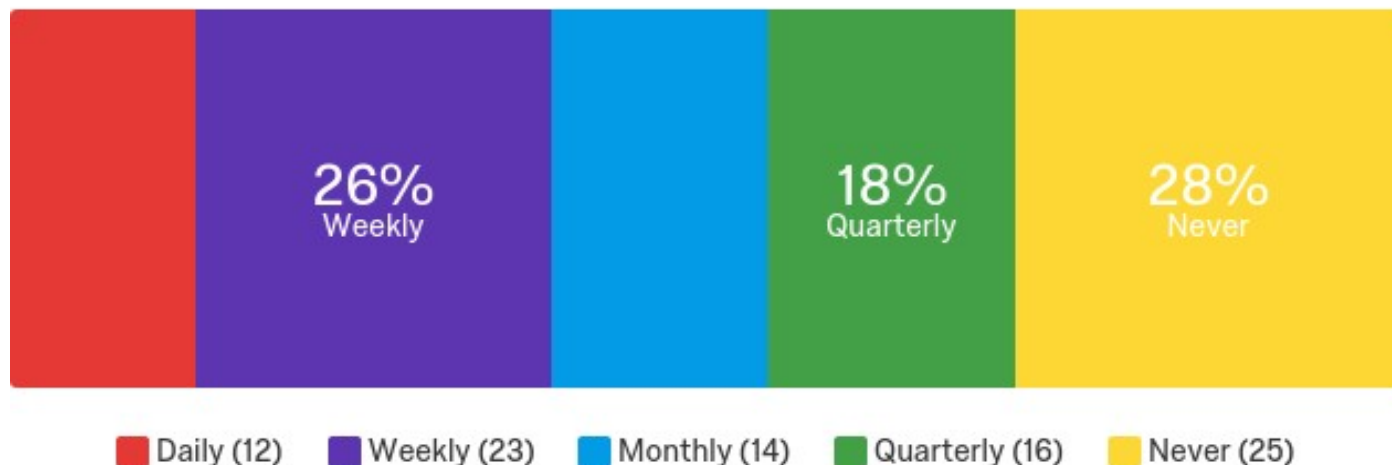**16%** Weekly **25%** Quarterly **40%** Never

■ Daily (11) ■ Weekly (14) ■ Monthly (5) ■ Quarterly (22) ■ Never (35)

Simulation Programs

76% Never
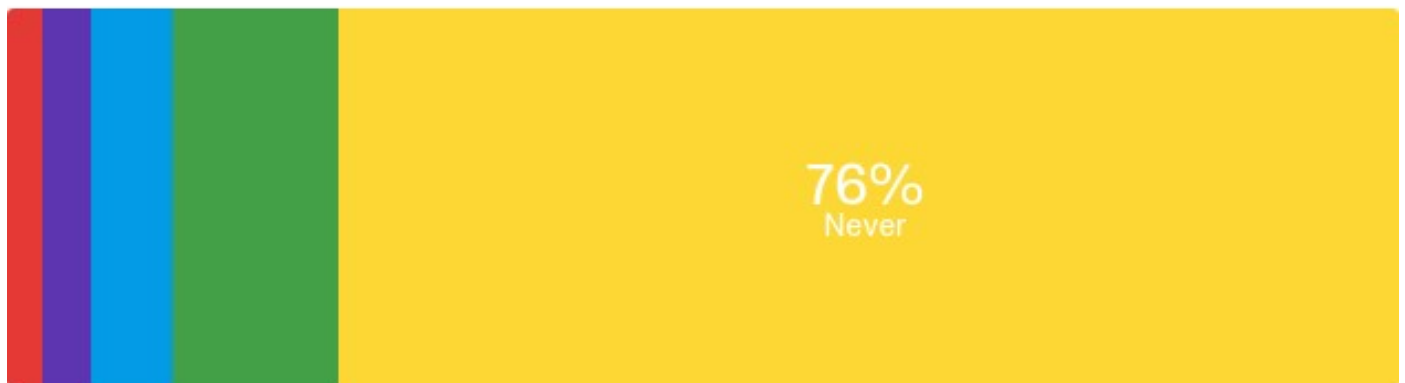
■ Daily (2) ■ Weekly (3) ■ Monthly (5) ■ Quarterly (10) ■ Never (64)
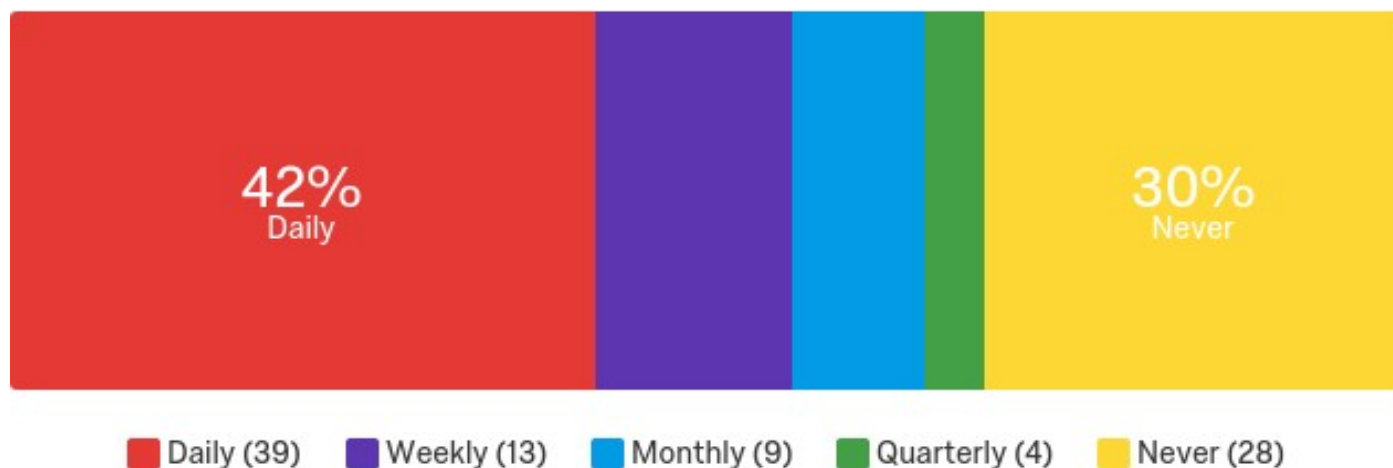
On-Line Education Programs (Kahn academy, Gooru...)

26% Weekly

18% Quarterly

28% Never

■ Daily (12)   ■ Weekly (23)   ■ Monthly (14)   ■ Quarterly (16)   ■ Never (25)

#	Question	Daily		Weekly		Monthly		Quarterly		Never		Total
1	The Internet for research	41.30%	38	26.09%	24	18.48%	17	5.43%	5	8.70%	8	92
2	Word Processing (Word, Google Docs...)	46.24%	43	27.96%	26	9.68%	9	7.53%	7	8.60%	8	93
3	Spreadsheets (Excel, Google Sheets...)	7.87%	7	15.73%	14	14.61%	13	17.98%	16	43.82%	39	89
4	Presentation Applications (PowerPoint, Google Slides, Prezi...)	14.44%	13	12.22%	11	28.89%	26	23.33%	21	21.11%	19	90
5	Digital Image or Video Production	12.64%	11	16.09%	14	5.75%	5	25.29%	22	40.23%	35	87
6	Simulation Programs	2.38%	2	3.57%	3	5.95%	5	11.90%	10	76.19%	64	84
7	On-Line Education Programs (Kahn academy, Gooru...)	13.33%	12	25.56%	23	15.56%	14	17.78%	16	27.78%	25	90

Q12 - Please indicate how often you use the following online platforms in your classroom

G-Suite (Google docs, Google Drive)

22% Daily | 16% Weekly | 42% Never

Daily (19)   Weekly (14)   Monthly (9)   Quarterly (9)   Never (37)

Microsoft 365 online (word, excel, power point)

42% Daily | 30% Never

Daily (39)   Weekly (13)   Monthly (9)   Quarterly (4)   Never (28)

| #	Question	Daily		Weekly		Monthly		Quarterly		Never		Total
1	Microsoft Office365 (Word Online, Excel Online, Power Point Online)	41.94%	39	13.98%	13	9.68%	9	4.30%	4	30.11%	28	93
2	G Suite (Google Docs, Google Drive)	21.59%	19	15.91%	14	10.23%	9	10.23%	9	42.05%	37	88

Q13 - Please indicate the level of emphasis you place on the following 21st Century Skills in your classroom.
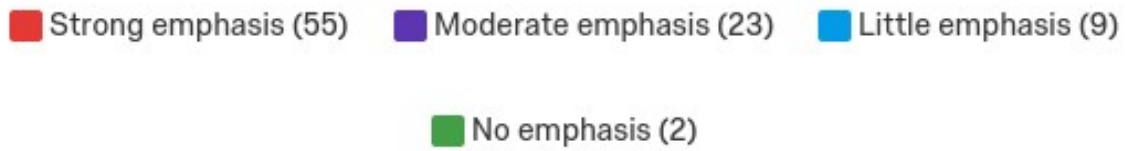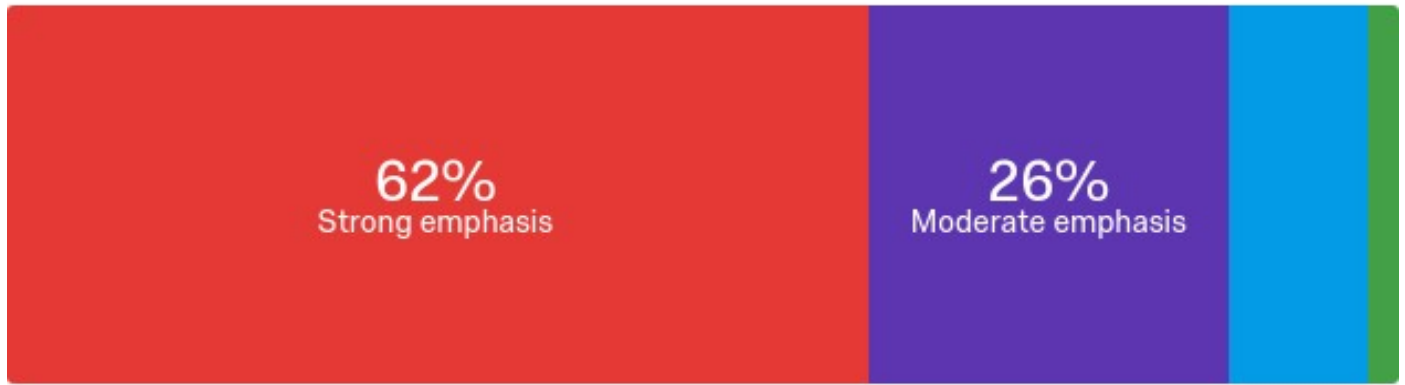
Critical Thinking and Problem Solving

76%
Strong emphasis
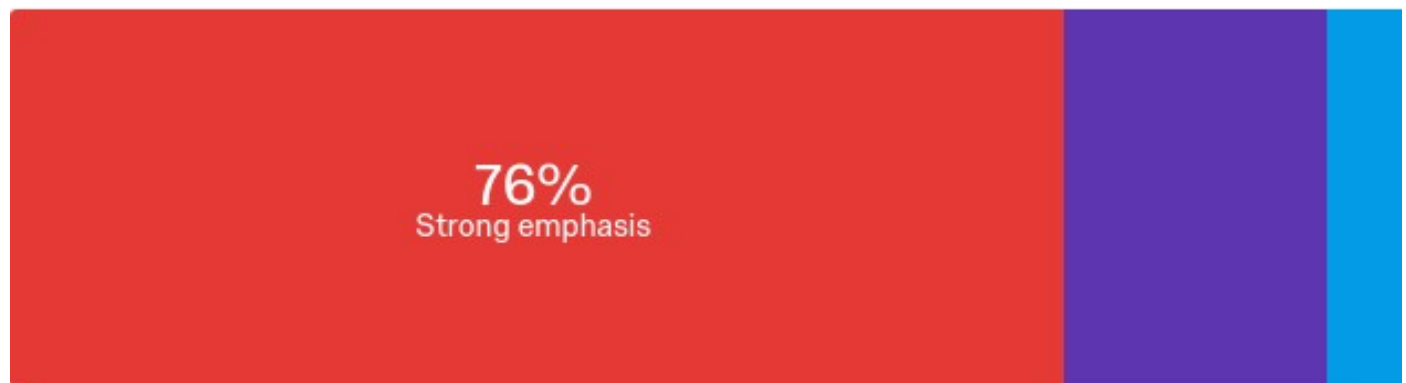
■ Strong emphasis (68)   ■ Moderate emphasis (17)   ■ Little emphasis (5)

■ No emphasis (0)

Communication.

81%
Strong emphasis
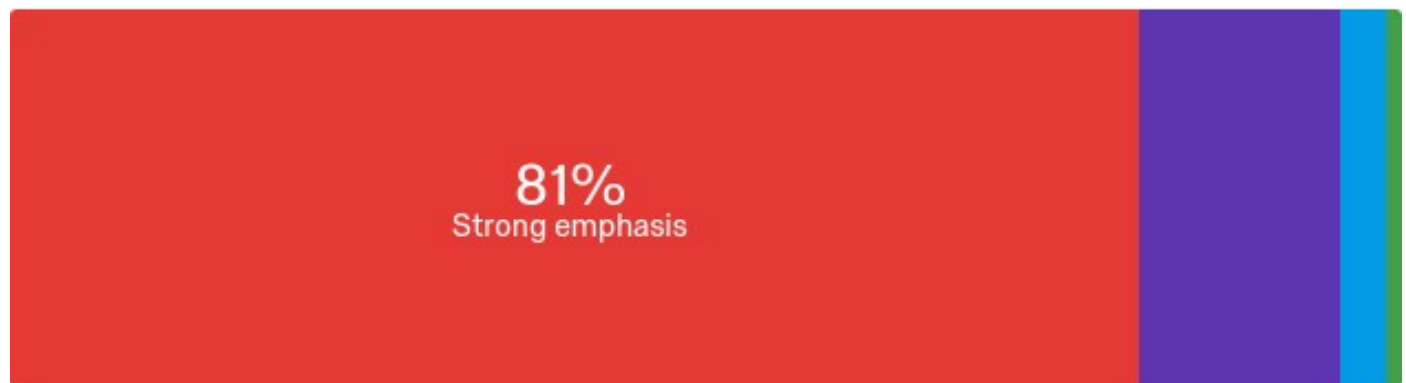
■ Strong emphasis (73)   ■ Moderate emphasis (13)   ■ Little emphasis (3)

■ No emphasis (1)

Collaboration

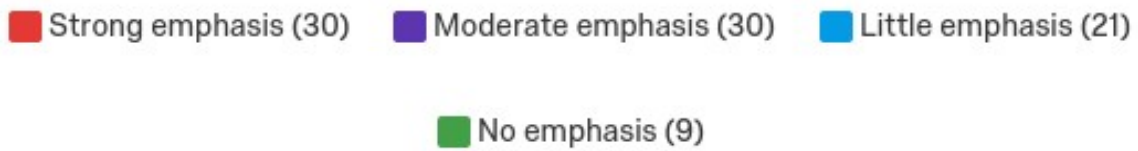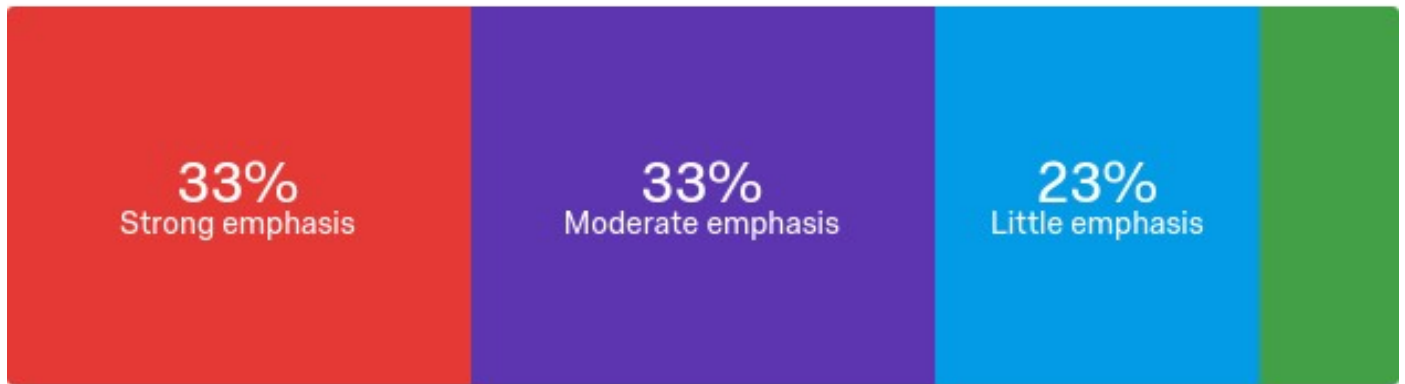| 62% Strong emphasis	26% Moderate emphasis		

- Strong emphasis (55)
- Moderate emphasis (23)
- Little emphasis (9)
- No emphasis (2)

Digital Citizenship.

33% Strong emphasis	33% Moderate emphasis	23% Little emphasis	

- Strong emphasis (30)
- Moderate emphasis (30)
- Little emphasis (21)
- No emphasis (9)

Self-Direction.

49%
Strong emphasis

42%
Moderate emphasis

■ Strong emphasis (43)   ■ Moderate emphasis (37)   ■ Little emphasis (7)

■ No emphasis (1)

Creativity and Innovation.

47%
Strong emphasis

38%
Moderate emphasis

■ Strong emphasis (42)   ■ Moderate emphasis (34)   ■ Little emphasis (12)

■ No emphasis (1)

#	Question	Strong emphasis		Moderate emphasis		Little emphasis		No emphasis		Total
1	Critical thinking and problem solving	75.56%	68	18.89%	17	5.56%	5	0.00%	0	90
2	Communication	81.11%	73	14.44%	13	3.33%	3	1.11%	1	90
3	Collaboration	61.80%	55	25.84%	23	10.11%	9	2.25%	2	89
4	Digital citizenship	33.33%	30	33.33%	30	23.33%	21	10.00%	9	90
5	Self-direction	48.86%	43	42.05%	37	7.95%	7	1.14%	1	88

| 6 | Creativity and innovation | 47.19% | 42 | 38.20% | 34 | 13.48% | 12 | 1.12% | 1 | 89 |

Q14 - Indicate the extent to which you agree that the following statements apply to your school

"Problems with the internet are usual".
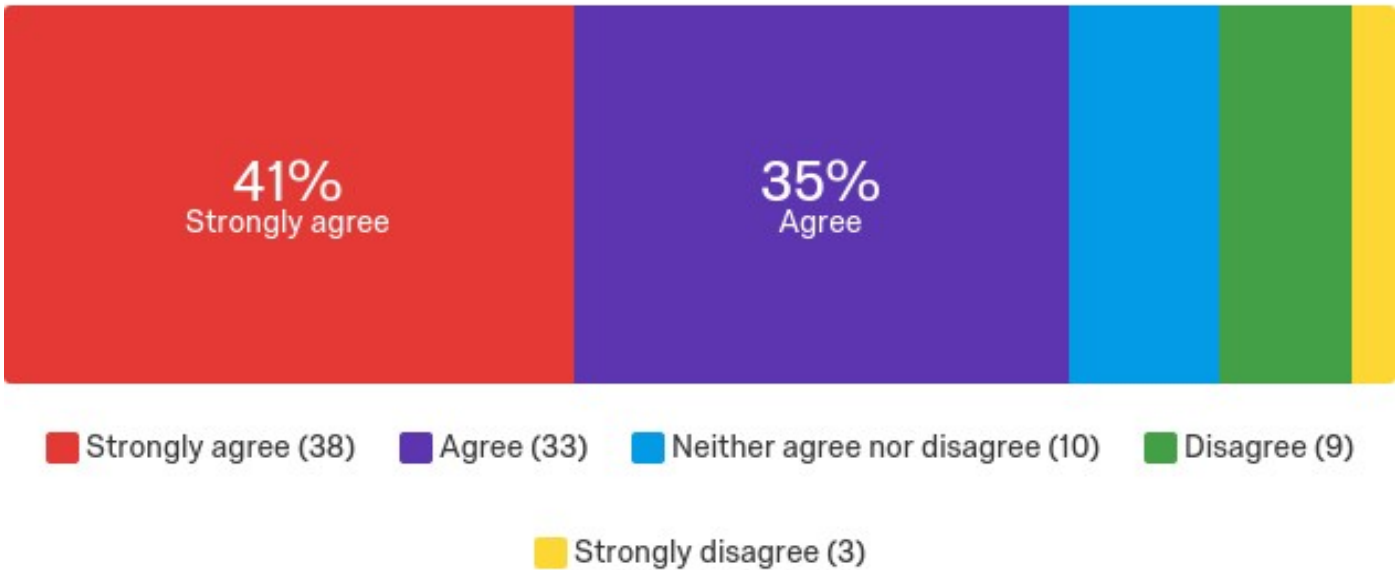
41% Strongly agree	35% Agree			

■ Strongly agree (38) ■ Agree (33) ■ Neither agree nor disagree (10) ■ Disagree (9)

■ Strongly disagree (3)

"Reported problems with computers are acknowledged within 24hrs".

	27% Agree	31% Neither agree nor disagree	20% Disagree	

■ Strongly agree (12) ■ Agree (25) ■ Neither agree nor disagree (29) ■ Disagree (19)

■ Strongly disagree (8)

"In our school technical issues with devices, networks and internet bandwidth are handled with a positive service orientation".

	34% Agree	34% Neither agree nor disagree

■ Strongly agree (9)　■ Agree (32)　■ Neither agree nor disagree (32)　■ Disagree (14)

■ Strongly disagree (6)

"Students are trained to handle simple technical issues".

16% Agree	30% Neither agree nor disagree	40% Disagree

■ Strongly agree (2)　■ Agree (15)　■ Neither agree nor disagree (28)　■ Disagree (37)

■ Strongly disagree (11)

"Staff are trained to handle simple technical issues".

18% Agree
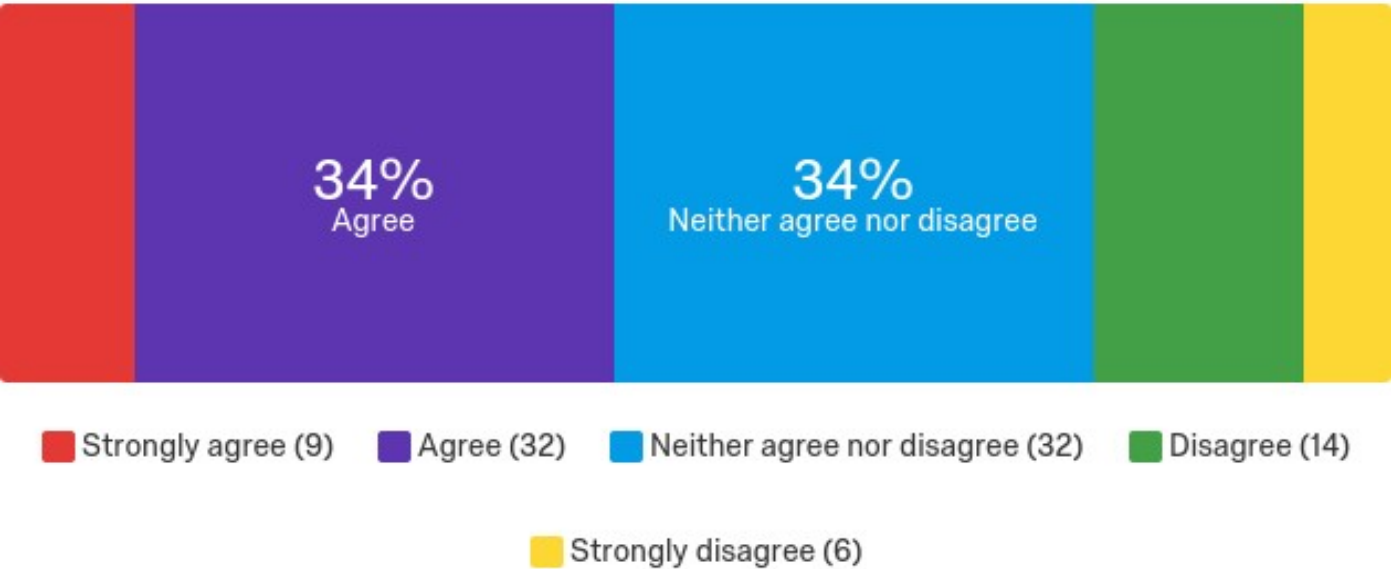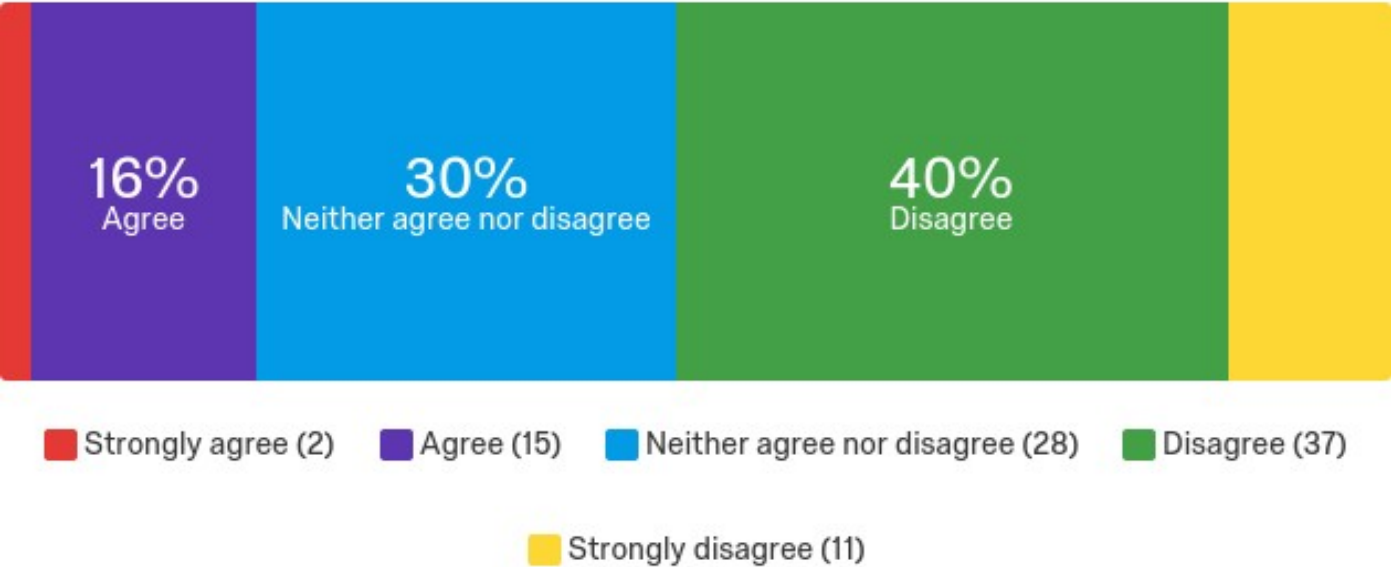
42% Disagree

■ Strongly agree (2)   ■ Agree (17)   ■ Neither agree nor disagree (21)   ■ Disagree (39)

■ Strongly disagree (14)

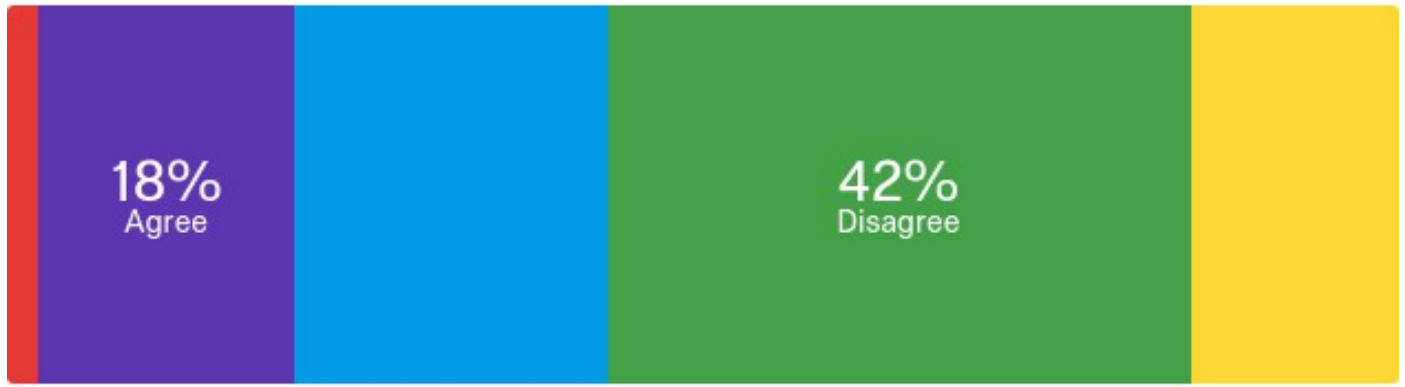| #	Question	Strongly agree		Agree		Neither agree nor disagree		Disagree		Strongly disagree		Total
1	Problems with the internet are usual	40.86%	38	35.48%	33	10.75%	10	9.68%	9	3.23%	3	93
2	Reported problems with computers are acknowledged within 24 hrs	12.90%	12	26.88%	25	31.18%	29	20.43%	19	8.60%	8	93
3	In our school, technical issues with devices, networks, and internet bandwidth are handled with a positive service orientation.	9.68%	9	34.41%	32	34.41%	32	15.05%	14	6.45%	6	93
4	Students are trained to handle simple technical issues.	2.15%	2	16.13%	15	30.11%	28	39.78%	37	11.83%	11	93
5	Staff are trained to handle simple technical issues.	2.15%	2	18.28%	17	22.58%	21	41.94%	39	15.05%	14	93

Q16 - Which statement describes the effectiveness of the Internet filtering in your school or district?
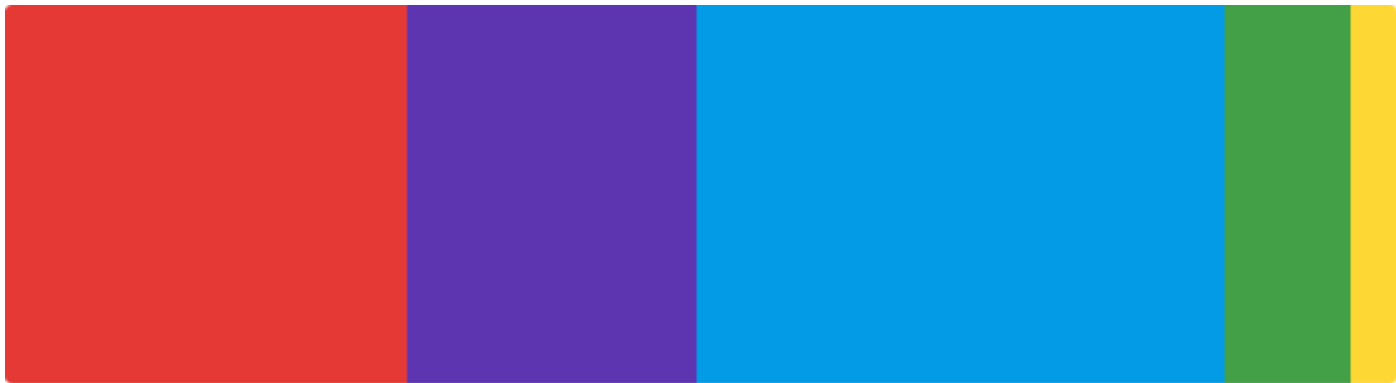
■ Our filtering technology is inadequate at this time. (25)

■ Our filtering technology is the best we can find, but students find ways around it fairly regularly. (18)

■ Our filtering technology is very effective, but things slip through. (33)

■ Our filtering technology is virtually 100% effective. (8)

■ Our filtering system is too strict. It often impedes instruction. (3)

#	Answer	%	Count
1	Our filtering technology is inadequate at this time.	28.74%	25
2	Our filtering technology is the best we can find, but students find ways around it fairly regularly.	20.69%	18
3	Our filtering technology is very effective, but things slip through.	37.93%	33
4	Our filtering technology is virtually 100% effective.	9.20%	8
5	Our filtering system is too strict. It often impedes instruction.	3.45%	3
	Total	100%	87

Q17 - If a site is blocked by your filtering system, as a teacher, what recourse do you have?

40% Teachers have no recourse.

24% Other
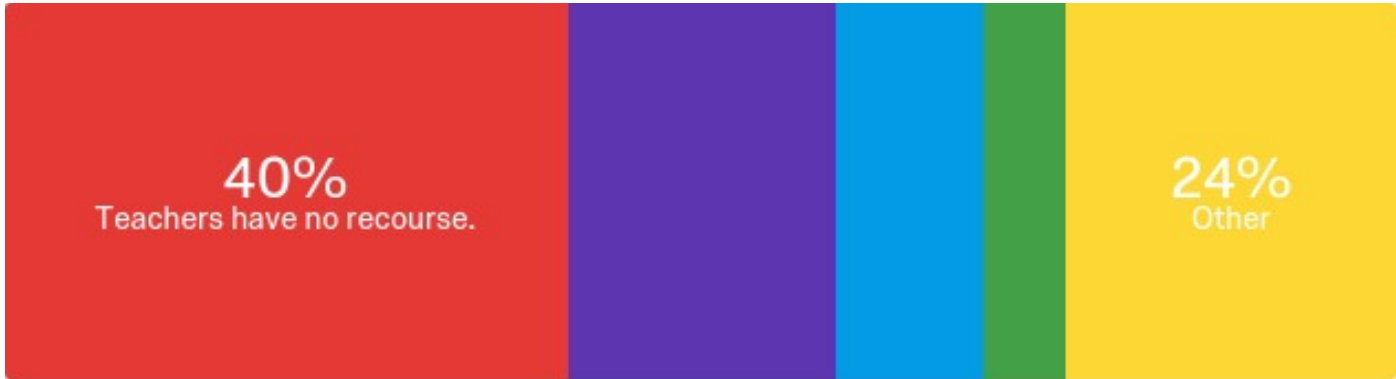
■ Teachers have no recourse. (34)

■ Teachers can request exceptions, but the response and resultant action usually takes 48 hours or more. (16)

■ Teachers can request exceptions, the response and resultant action is usually within 48 hours. (9)

■ Teachers have the option to allow exceptions. (5)　　■ Other (20)

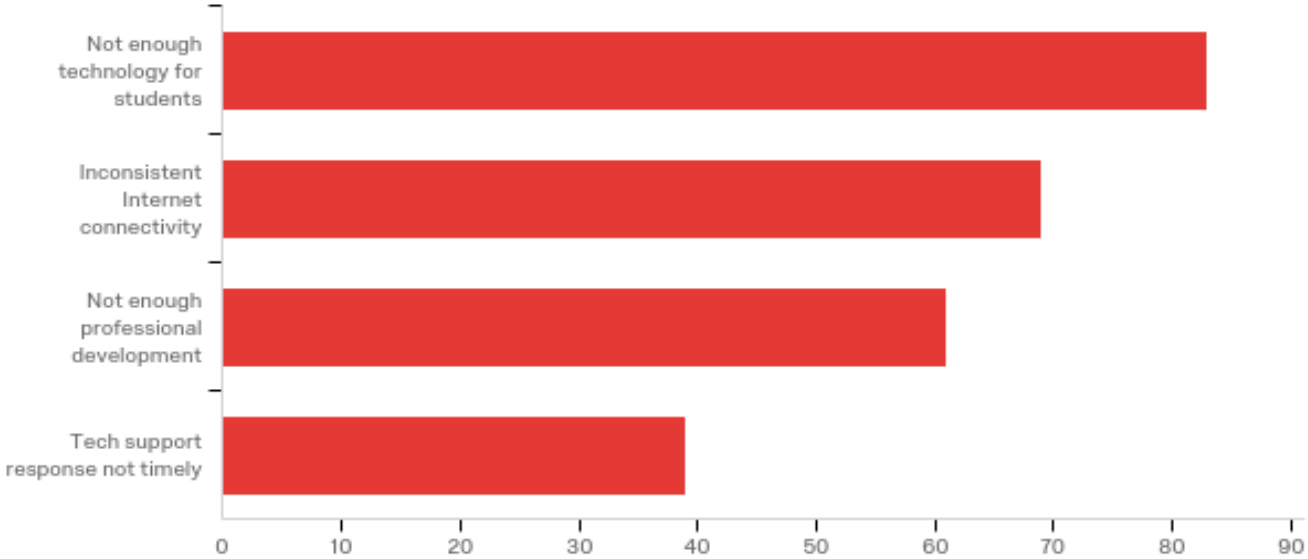| #	Answer	%	Count
1	Teachers have no recourse.	40.48%	34
2	Teachers can request exceptions, but the response and resultant action usually takes 48 hours or more.	19.05%	16
3	Teachers can request exceptions, the response and resultant action is usually within 48 hours.	10.71%	9
4	Teachers have the option to allow exceptions.	5.95%	5
5	Other	23.81%	20
	Total	100%	84

Other

Other
unsure

I don't know
unknown
has not occurred
I am not aware of our options
not sure
Haven't requested an action to override blocked sites
There are no filters
I haven't come across this issue.

Q18 - Please select all the barriers to effective technology use in your school

#	Answer	%	Count
1	Not enough technology for students	91.21%	83
2	Inconsistent Internet connectivity	75.82%	69
3	Not enough professional development	67.03%	61
4	Tech support response not timely	42.86%	39
	Total	100%	91

Q19 - Please indicate the extent to which you agree with the following statements.

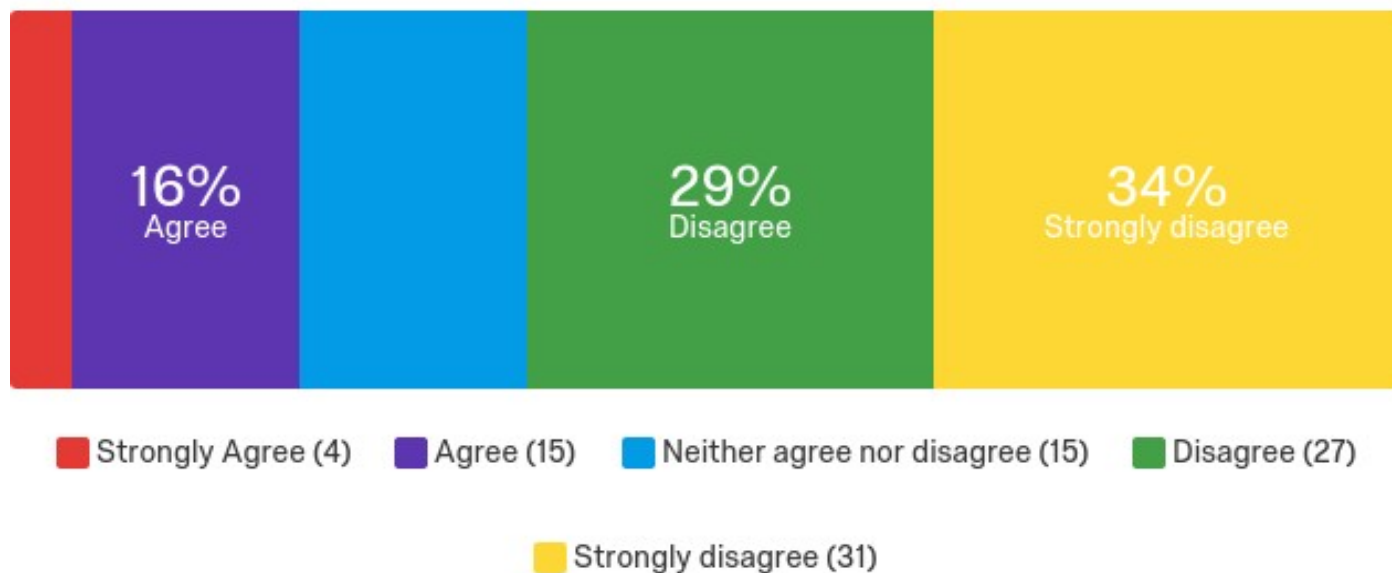Our district/school provides instructional support to all staff on use of technology to empower students to learn (e.g. coaching, vetted digital content, classroom management, collaborative exchanges, lesson design and modeling etc)

17% Agree

45% Disagree

- Strongly Agree (2)
- Agree (16)
- Neither agree nor disagree (20)
- Disagree (42)
- Strongly disagree (13)

I'm involved with vetting, purchasing and/or suggesting technology purchases for my classroom.

16% Agree

29% Disagree

34% Strongly disagree

- Strongly Agree (4)
- Agree (15)
- Neither agree nor disagree (15)
- Disagree (27)
- Strongly disagree (31)
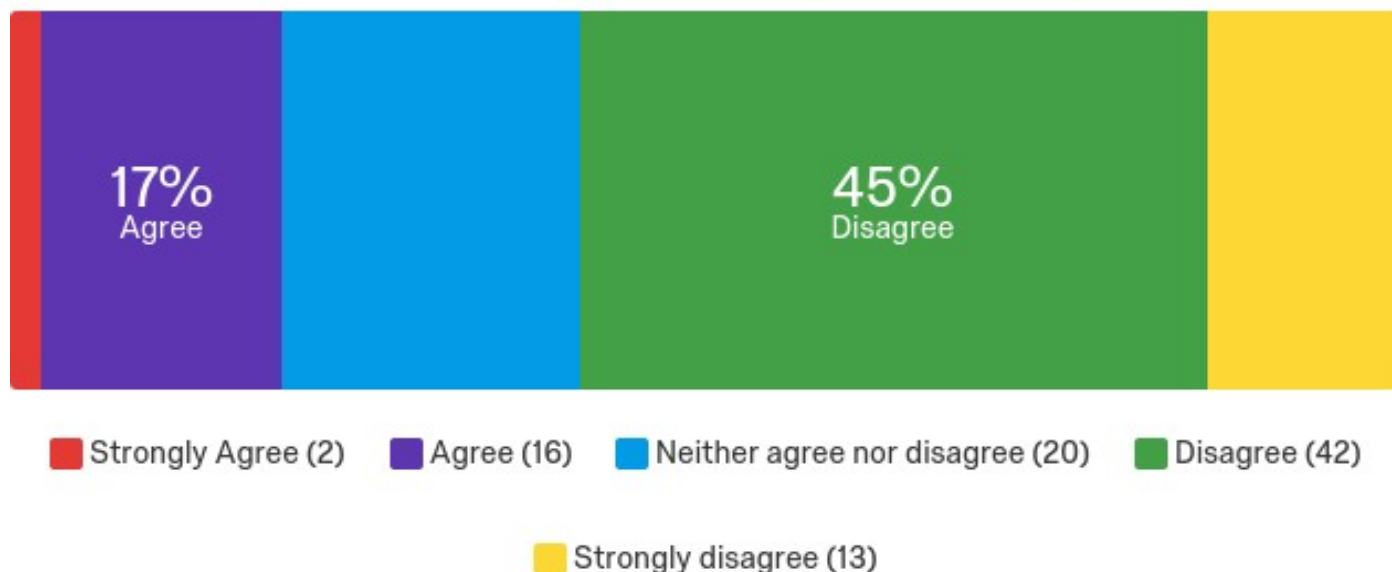
I have access to a digital enviornment that enabl;es me to access, collect, analze, manage and integrate multiple data sets to inform learning and teaching decisions.

24% Agree	33% Neither agree nor disagree	28% Disagree	

■ Strongly Agree (1) ■ Agree (22) ■ Neither agree nor disagree (31) ■ Disagree (26)

■ Strongly disagree (13)

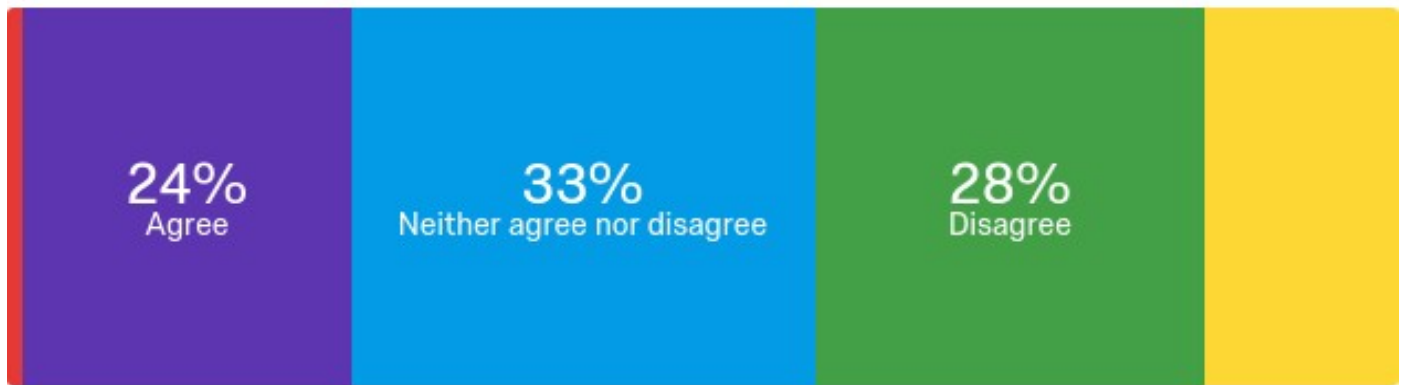| #	Question	Strongly Agree		Agree		Neither agree nor disagree		Disagree		Strongly disagree		Total
1	Our district/school provides instructional support to all staff on using technology to empower students to learn (e.g., coaching, vetted digital content, classroom management, collaborative exchanges, lesson design and modeling, etc.).	2.15%	2	17.20%	16	21.51%	20	45.16%	42	13.98%	13	93
2	I'm involved with vetting, purchasing, and/or suggesting technology purchases for my classroom.	4.35%	4	16.30%	15	16.30%	15	29.35%	27	33.70%	31	92
3	I have access to a	1.08%	1	23.66%	22	33.33%	31	27.96%	26	13.98%	13	93

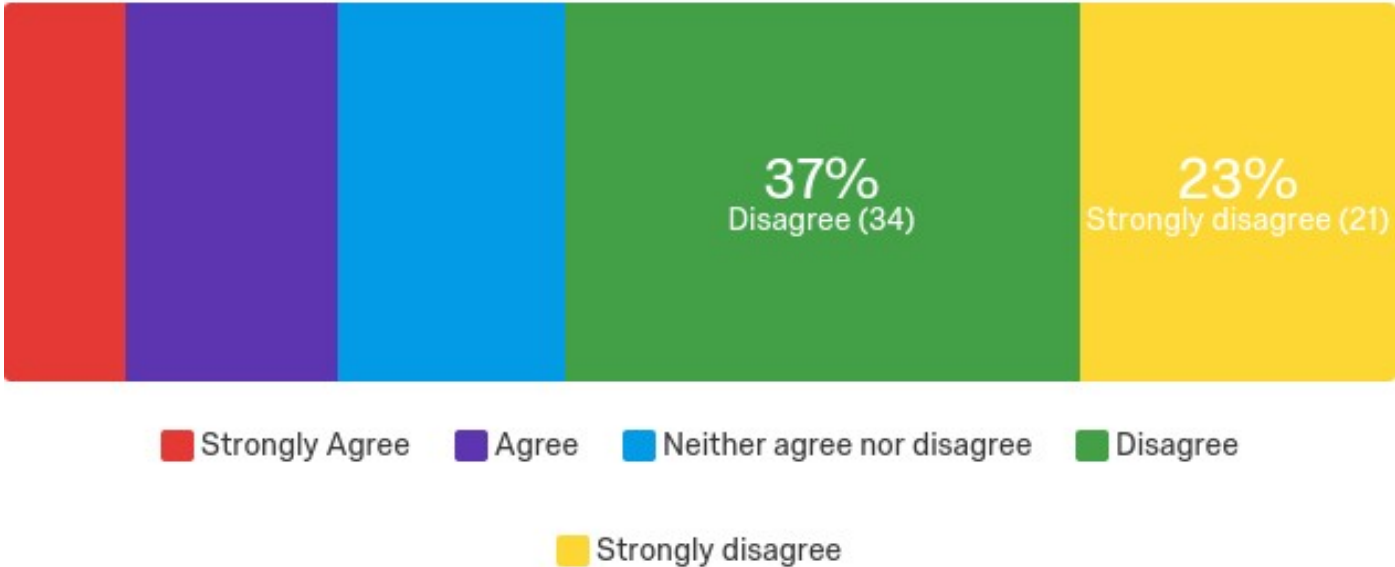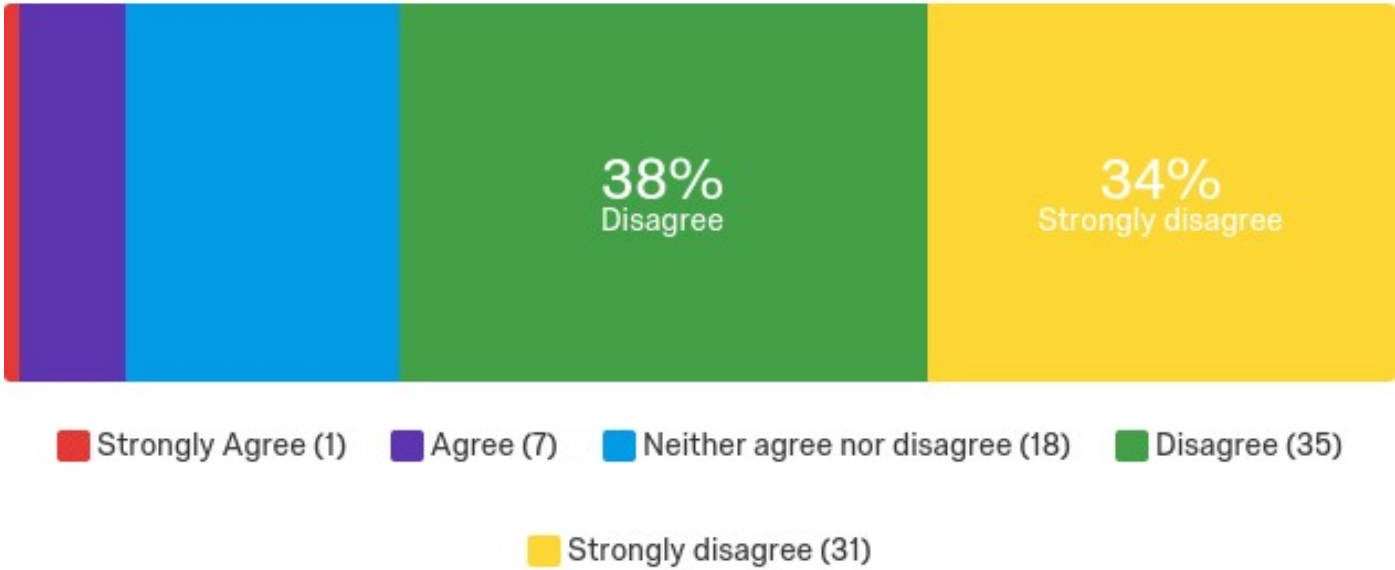|	digital environment that enables me to access, collect, analyze, manage, and integrate multiple data sets to inform learning and teaching decisions.										

Q20 - Please indicate the extent to which you agree with the following statements.

Internet connected computers/devices are readily available in my school when they are needed for learning.

37%
Disagree (34)

23%
Strongly disagree (21)

■ Strongly Agree   ■ Agree   ■ Neither agree nor disagree   ■ Disagree

■ Strongly disagree

Internet connected computers/devices are readily available to students outside of school when they are needed for learning.

38%
Disagree

34%
Strongly disagree

■ Strongly Agree (1)   ■ Agree (7)   ■ Neither agree nor disagree (18)   ■ Disagree (35)

■ Strongly disagree (31)

Our district "leads with the why" (i.e. acknowledges that instructional use is the primary driver in determining current and future requirements for bandwidth and technology infrastructure).

| 43% Neither agree nor disagree | 31% Disagree | 19% Strongly disagree |

■ Strongly Agree (2)   ■ Agree (4)   ■ Neither agree nor disagree (39)   ■ Disagree (28)

■ Strongly disagree (17)

Access to our school's network and the Internet is consistently fast and reliable.

| 40% Disagree | 28% Strongly disagree |

■ Strongly Agree (2)   ■ Agree (12)   ■ Neither agree nor disagree (15)   ■ Disagree (37)

■ Strongly disagree (26)

#	Question	Strongly Agree		Agree		Neither agree nor disagree		Disagree		Strongly disagree		Total
1	Internet-connected computers/devices are readily available in my school when they	8.70%	8	15.22%	14	16.30%	15	36.96%	34	22.83%	21	92

	are needed for learning.										
2	Internet-connected computers/devices (school provided) are readily available to students outside of school when they are needed for learning.	1.09%	1	7.61%	7	19.57%	18	38.04%	35	33.70%	31	92
3	Our district "leads with the why," (i.e., acknowledges that instructional use is the primary driver in determining current and future requirements for bandwidth and technology infrastructure).	2.22%	2	4.44%	4	43.33%	39	31.11%	28	18.89%	17	90
4	Access to our school's network and the Internet is consistently fast and reliable.	2.17%	2	13.04%	12	16.30%	15	40.22%	37	28.26%	26	92