TeachingStrategies®

Early Childhood Technology Survey

September 2015

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In the fall of 2015, Teaching Strategies conducted a survey of a diverse cross-section of 822 early childhood practitioners from a range of program types. The survey questions focused on educator attitudes toward technology as well as frequency and use. The respondents included educators from Head Start, public preK, and private care programs at urban, rural, and suburban schools.

Teaching Strategies is a leading developer of early childhood education curriculum and resources based in Bethesda, Maryland. For over 35 years, we have supported the critical work of early childhood educators. Today, our assessment and curriculum solutions reach over 2 million children across the U.S.
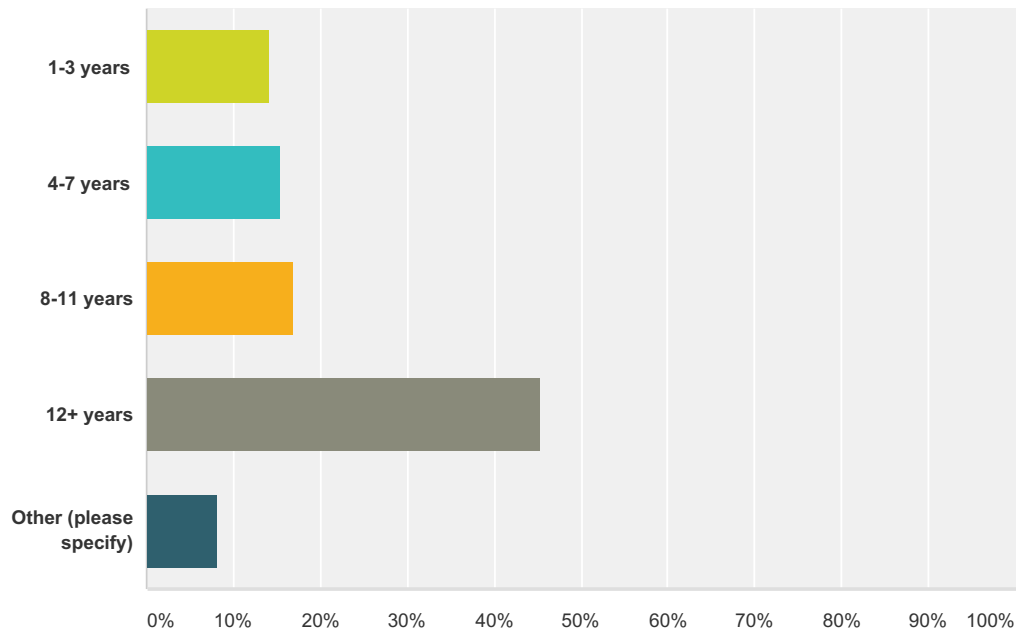
Q1 As an educator, what is your position or title?

Answered: 822   Skipped: 0
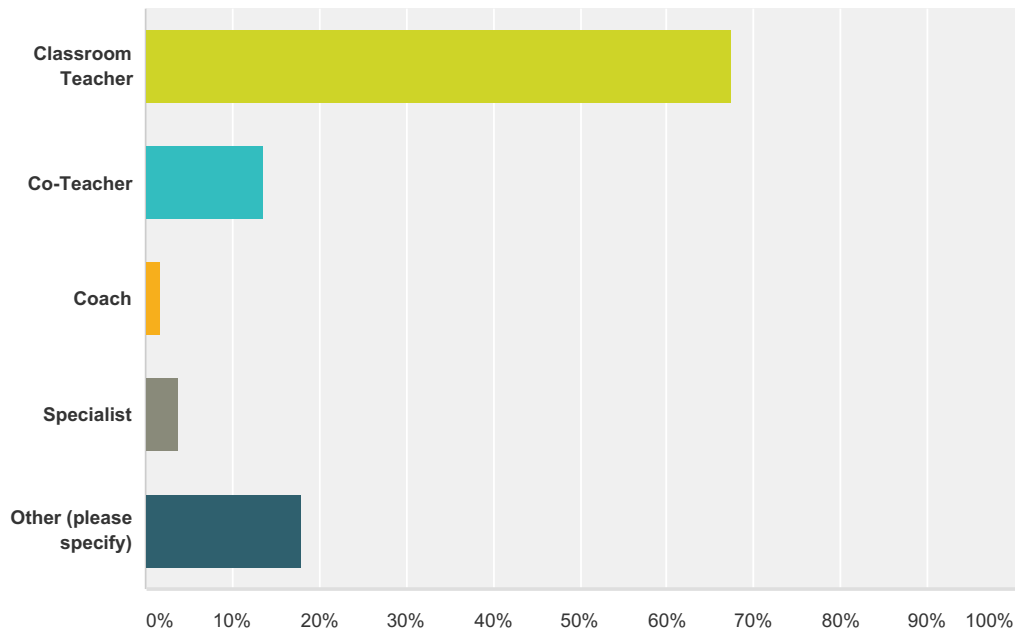
Answer Choices	Responses	
Classroom Teacher	**67.40%**	554
Co-Teacher	**13.63%**	112
Coach	**1.70%**	14
Specialist	**3.77%**	31
Other (please specify)	**17.88%**	147
Total Respondents: 822		

Q2 How many years have you worked as an educator?

Answered: 822   Skipped: 0

Answer Choices	Responses	
1-3 years	**14.11%**	116
4-7 years	**15.45%**	127
8-11 years	**16.91%**	139
12+ years	**45.38%**	373
Other (please specify)	**8.15%**	67
Total		822

Q3 What type of education program do you serve? (Please choose the educational program that best describes your program)
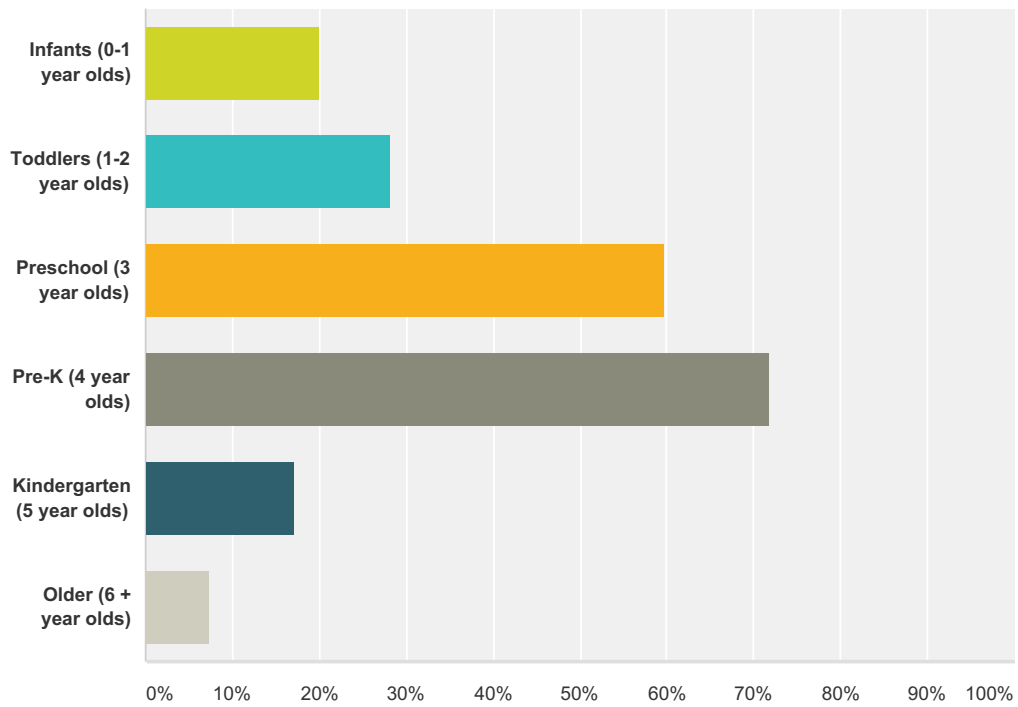
Answered: 822   Skipped: 0
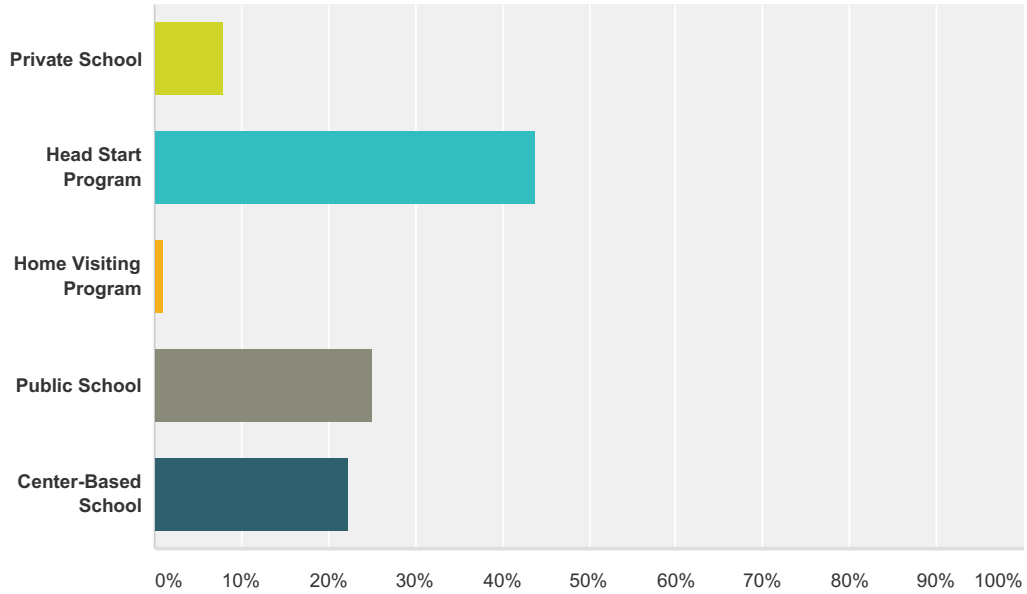
Answer Choices	Responses	
Private School	**7.91%**	65
Head Start Program	**43.80%**	360
Home Visiting Program	**0.97%**	8
Public School	**25.06%**	206
Center-Based School	**22.26%**	183
Total		**822**

Q4 What are the ages of the children you serve? (Please check all that apply)

Answered: 822   Skipped: 0

Answer Choices	Responses	
Infants (0-1 year olds)	**20.07%**	165
Toddlers (1-2 year olds)	**28.10%**	231
Preschool (3 year olds)	**59.73%**	491
Pre-K (4 year olds)	**71.90%**	591
Kindergarten (5 year olds)	**17.15%**	141
Older (6 + year olds)	**7.30%**	60
Total Respondents: 822		

Q5 What best describes the demographics of your program?

Answered: 822   Skipped: 0
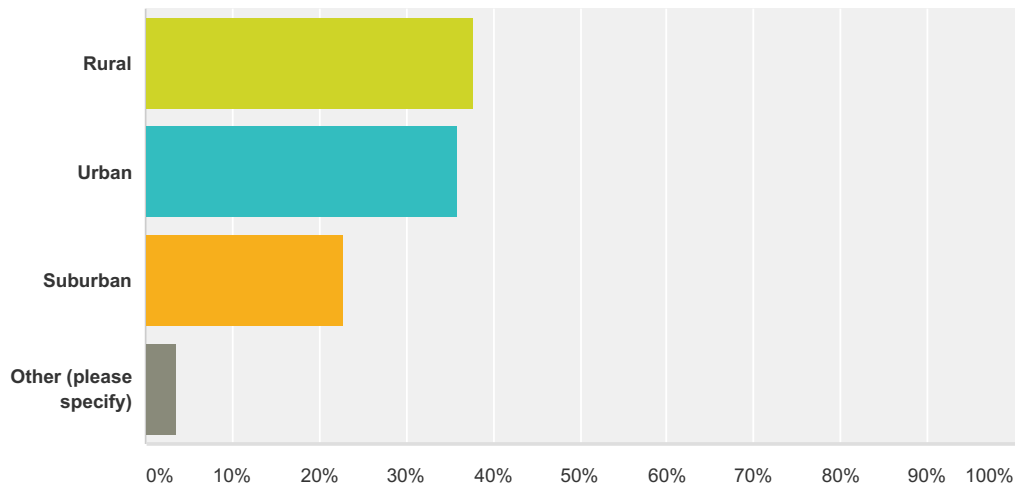
Answer Choices	Responses	
Rural	**37.71%**	310
Urban	**36.01%**	296
Suburban	**22.75%**	187
Other (please specify)	**3.53%**	29
Total		**822**

Q6 What statement best describes your access and use of technology in the classroom? (Please check all statements that apply to you)

Answered: 822   Skipped: 0
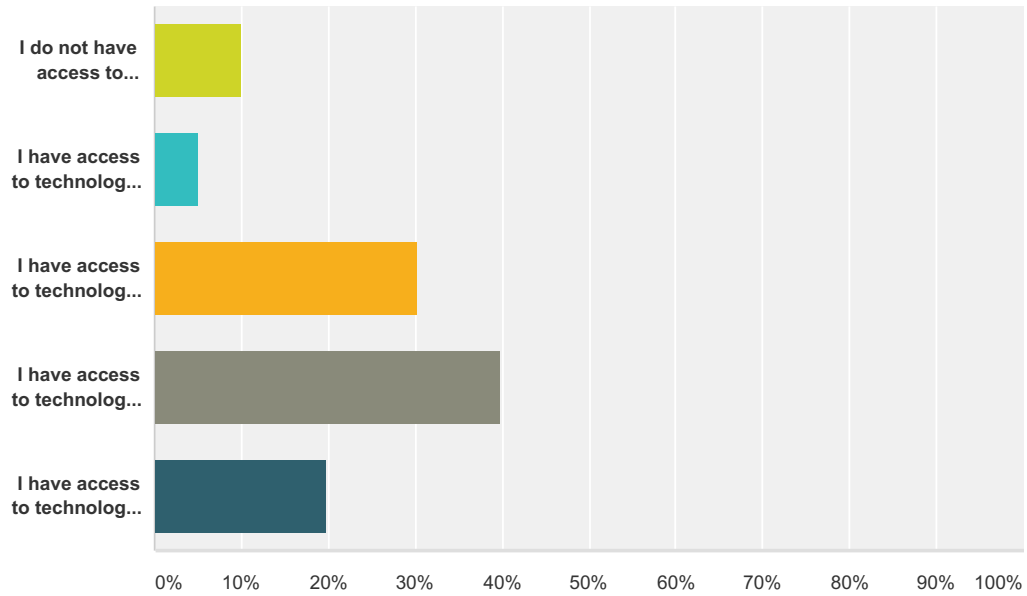
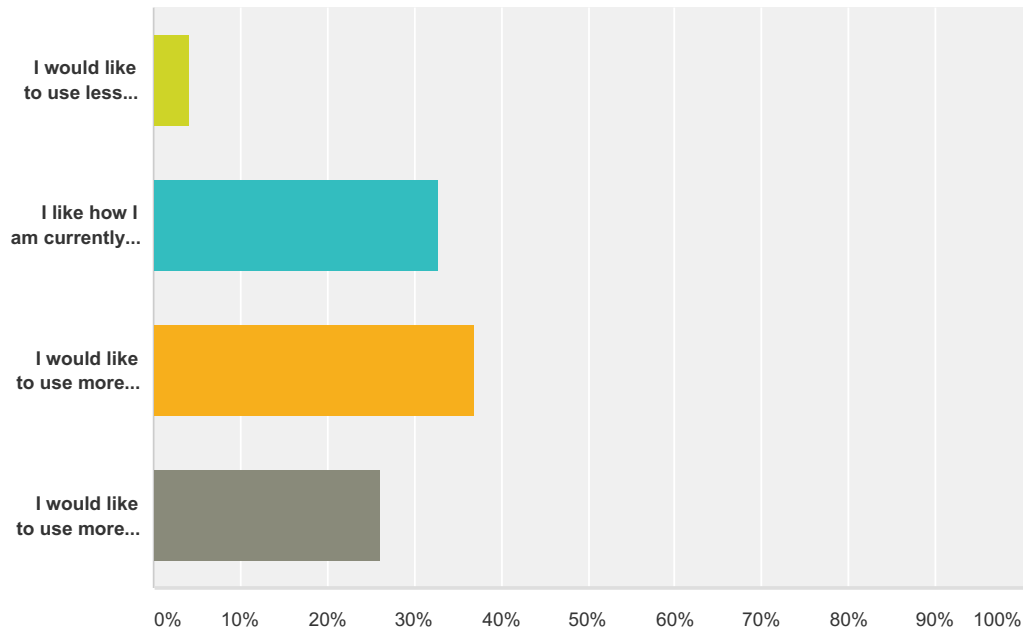| Answer Choices	Responses	
I do not have access to technology in the classroom.	**10.10%**	83
I have access to technology in the classroom, but I don't think it is useful in the classroom.	**5.11%**	42
I have access to technology in the classroom and use it somewhat effectively.	**30.29%**	249
I have access to technology in the classroom and am able to use it effectively.	**39.78%**	327
I have access to technology in the classroom and am able to use it very effectively.	**19.83%**	163
Total Respondents: 822		

Q7 How frequently do you use technology in the classroom?

Answered: 822   Skipped: 0
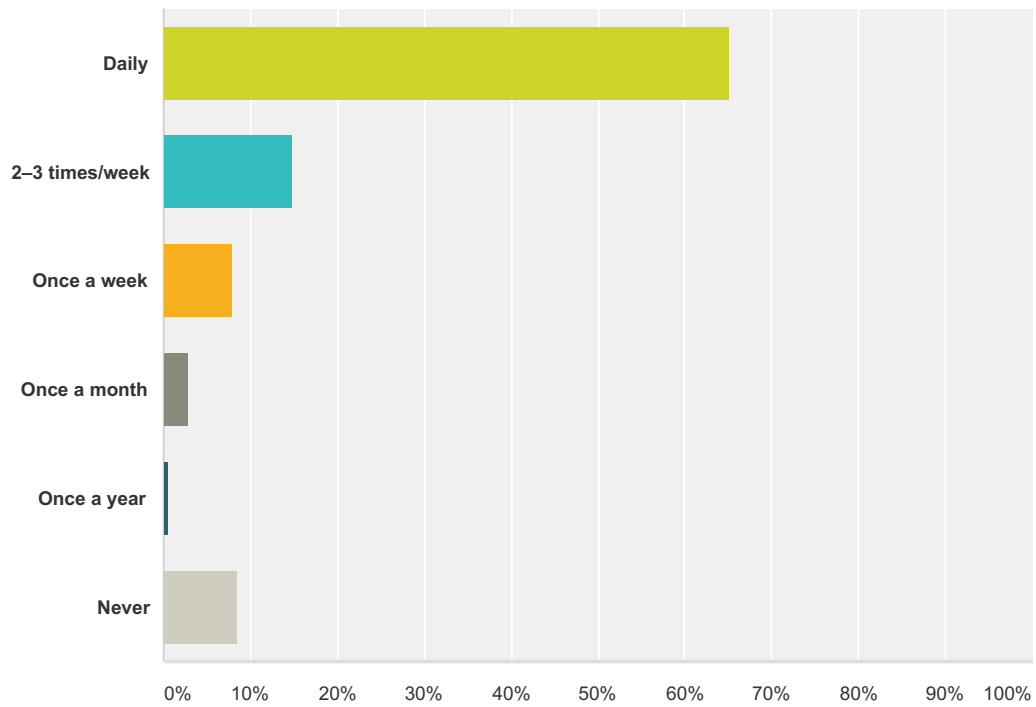
Answer Choices	Responses	
Daily	**65.09%**	535
2–3 times/week	**14.72%**	121
Once a week	**8.03%**	66
Once a month	**2.92%**	24
Once a year	**0.73%**	6
Never	**8.52%**	70
Total		**822**

Q8 What statement best describes how you feel about your current use of technology in the classroom?

Answered: 822   Skipped: 0

Answer Choices	Responses	
I would like to use less technology in the classroom.	**4.26%**	35
I like how I am currently using technology in the classroom.	**32.73%**	269
I would like to use more technology in the classroom but feel that I might need additional training to do so.	**36.98%**	304
I would like to use more technology in the classroom and feel I could do so without additional training.	**26.03%**	214
Total		**822**

Q9 What is the best description of how you connect to the Internet in the classroom?

Answered: 822   Skipped: 0
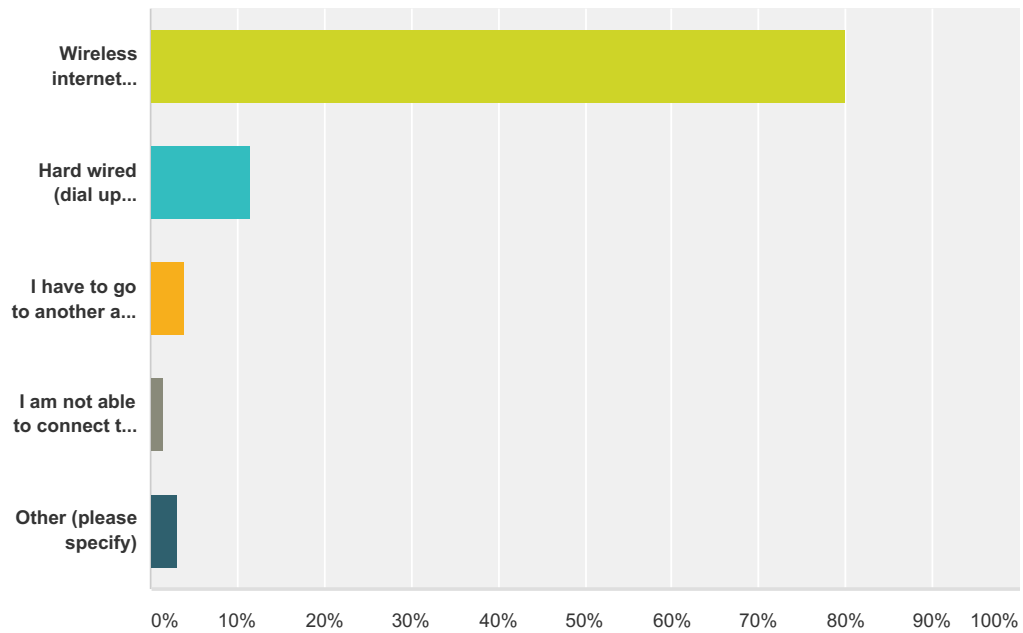
Answer Choices	Responses	
Wireless internet (Wi-Fi)	**80.05%**	658
Hard wired (dial up Internet or Ethernet cable)	**11.44%**	94
I have to go to another area outside of my classroom (e.g., a computer lab) to connect to the Internet.	**3.89%**	32
I am not able to connect to the Internet in the classroom and do not have another place where I can go to connect to the Internet.	**1.46%**	12
Other (please specify)	**3.16%**	26
Total		**822**

Q10 What technology devices do you believe are the most effective for use in the early childhood classroom? (Please check all that apply)

Answered: 822   Skipped: 0
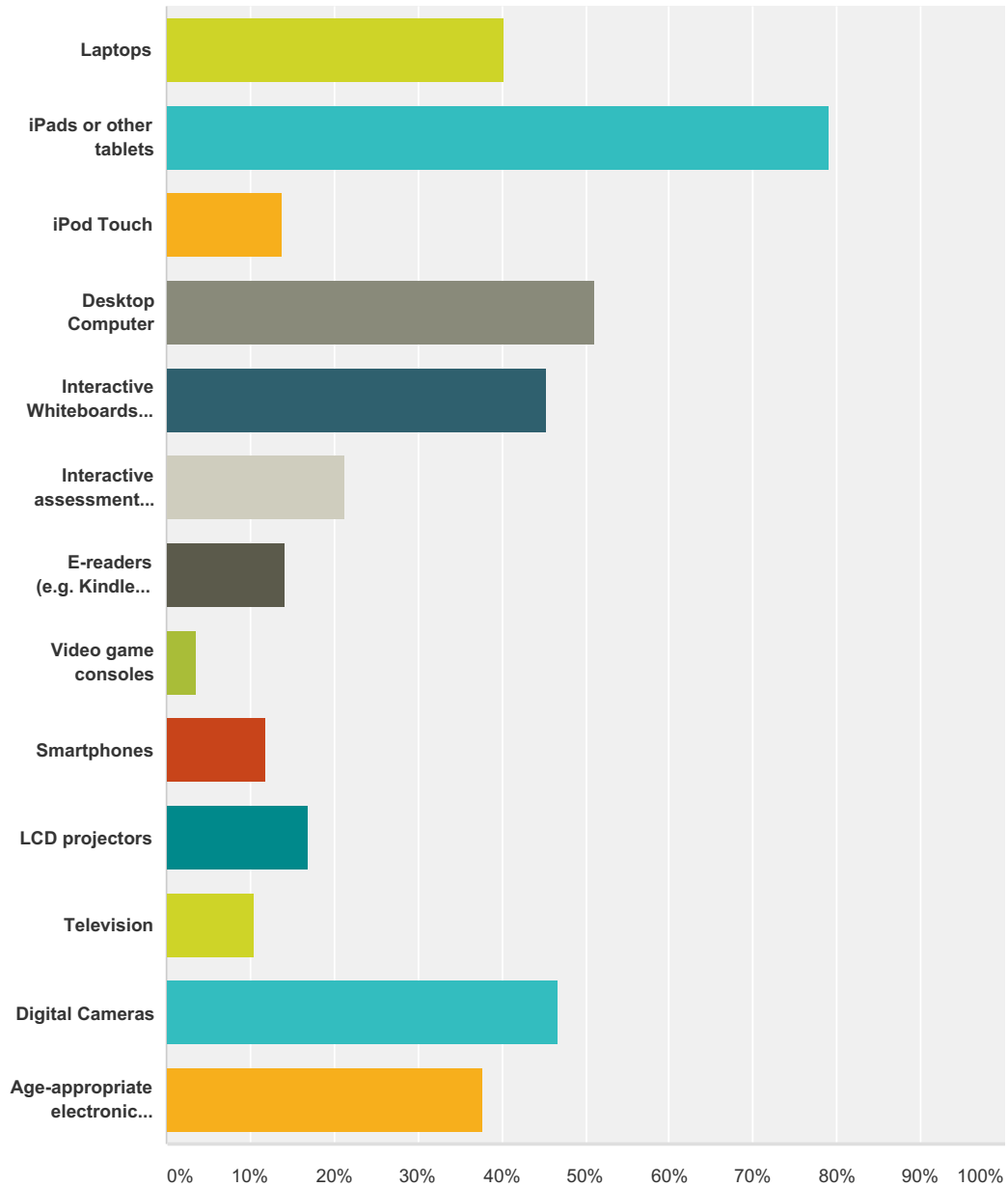
Answer Choices	Responses	
Laptops	**40.27%**	331
iPads or other tablets	**79.20%**	651
iPod Touch	**13.87%**	114
Desktop Computer	**51.09%**	420

Interactive Whiteboards (e.g. SMART Board, Promethean ActiveBoard)	**45.26%**	372
Interactive assessment tools	**21.29%**	175
E-readers (e.g. Kindle, Nook)	**14.23%**	117
Video game consoles	**3.53%**	29
Smartphones	**11.80%**	97
LCD projectors	**16.91%**	139
Television	**10.46%**	86
Digital Cameras	**46.84%**	385
Age-appropriate electronic games (e.g. Leapfrog devices)	**37.71%**	310
Total Respondents: 822		

## Q11 How do you feel about your ability to effectively use technology in the classroom?

Answered: 822   Skipped: 0
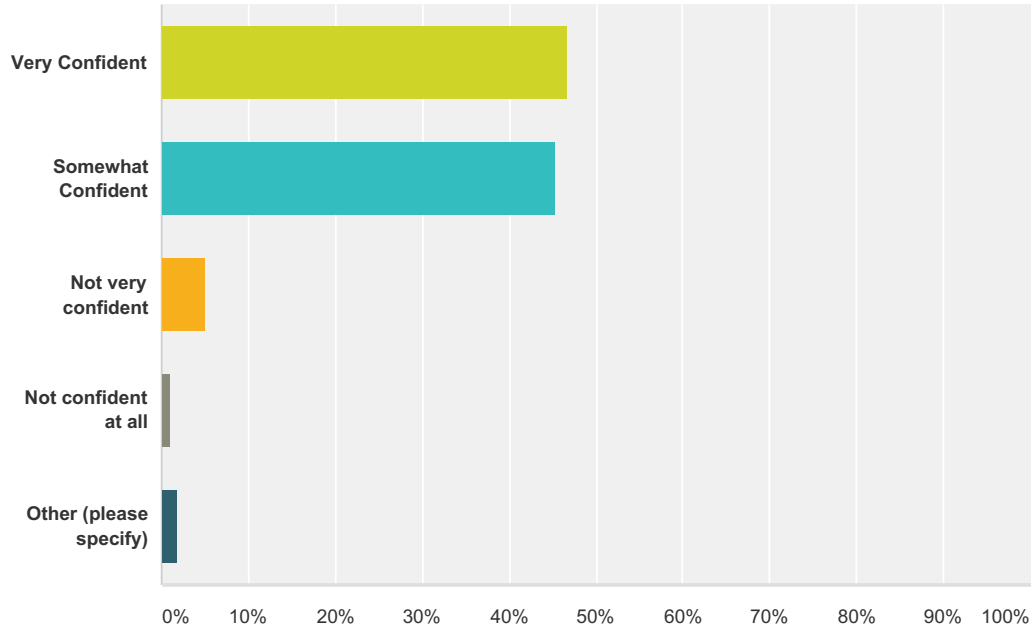
Answer Choices	Responses	
Very Confident	**46.84%**	385
Somewhat Confident	**45.38%**	373
Not very confident	**4.99%**	41
Not confident at all	**0.97%**	8
Other (please specify)	**1.82%**	15
Total		**822**

Q12 In your opinion, what are the top benefits of technology in your classroom? (Choose 2 from the list below)

Answered: 822 Skipped: 0
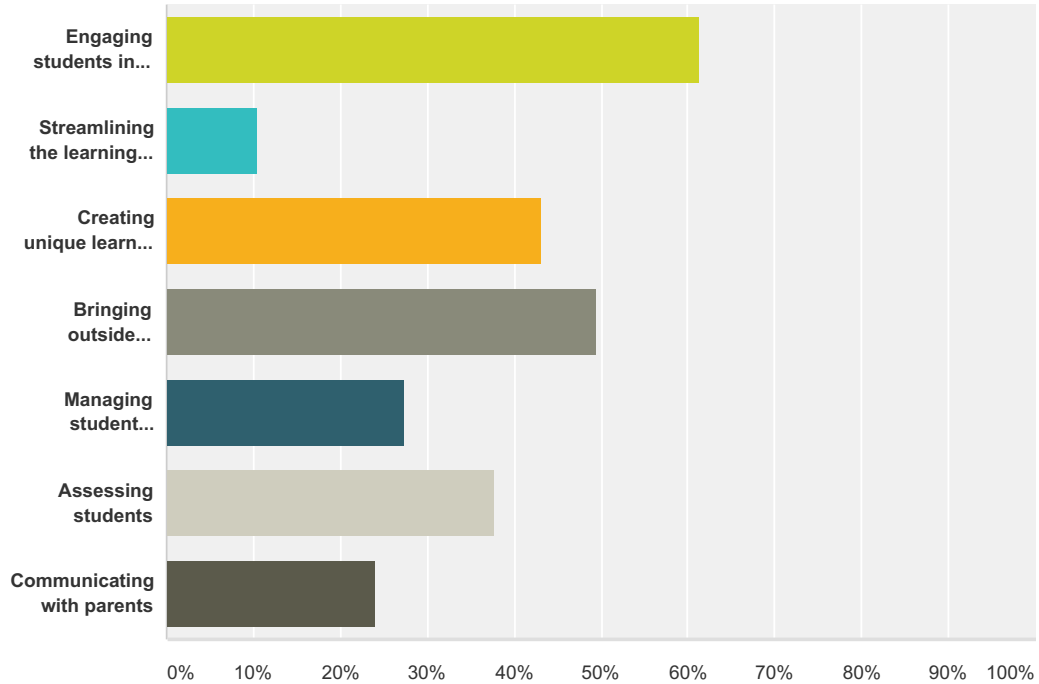
Answer Choices	Responses	
Engaging students in learning	**61.44%**	505
Streamlining the learning process	**10.34%**	85
Creating unique learning opportunities	**43.19%**	355
Bringing outside resources into the classroom easily	**49.51%**	407
Managing student information	**27.25%**	224
Assessing students	**37.71%**	310
Communicating with parents	**23.97%**	197
Total Respondents: 822		

Q13 How do you use technology to support teaching and learning? (Please check all that apply)

Answered: 822   Skipped: 0
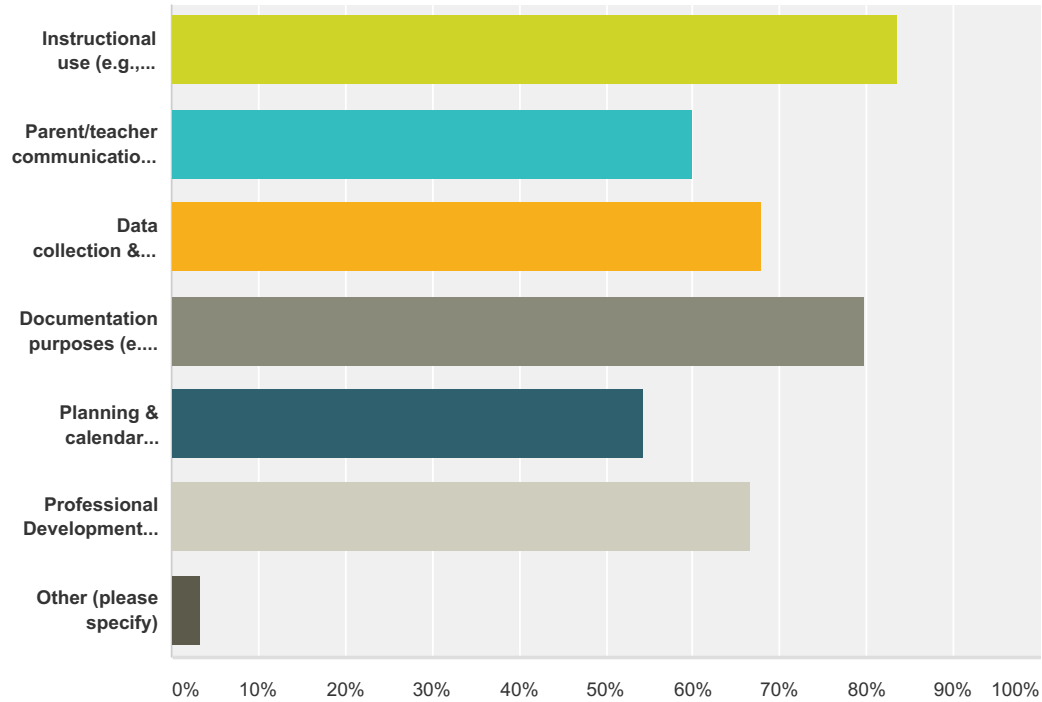
Answer Choices	Responses	
Instructional use (e.g., lesson plans, interactive videos, etc)	**83.45%**	686
Parent/teacher communication (e.g., text messaging, newsletters, etc)	**59.98%**	493
Data collection & assessment (e.g., online gradebook, app, etc)	**67.76%**	557
Documentation purposes (e.g., videos, photos, teaching prep)	**79.81%**	656
Planning & calendar management (e.g., meetings, classroom schedules, etc)	**54.26%**	446
Professional Development (e.g., online videos, assessments, etc)	**66.55%**	547
Other (please specify)	**3.41%**	28
Total Respondents: 822		

Q14 How do you think technology could be improved to be more effective in the classroom? (Please check all that apply)

Answered: 822   Skipped: 0
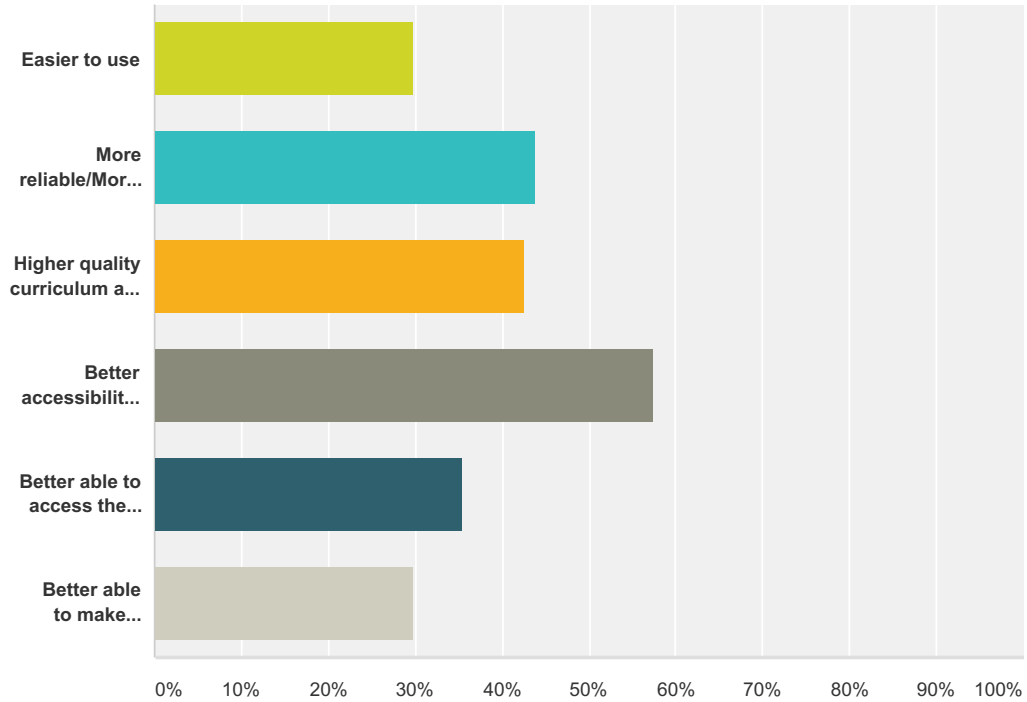
Answer Choices	Responses	
Easier to use	**29.93%**	246
More reliable/More age-appropriate	**43.92%**	361
Higher quality curriculum and other materials available (i.e., better apps, software programs, etc)	**42.58%**	350
Better accessibility to technology devices to use in the classroom (i.e., more iPads, laptops, etc)	**57.42%**	472
Better able to access the Internet/ (i.e., stronger WiFi accessibility, etc)	**35.40%**	291
Better able to make accommodations and modifications to technology being used to include all students (i.e., ELL students, students with disabilities)	**29.93%**	246
Total Respondents: 822		

Q15 Please share what you think about the usefulness of technology in the classroom for early childhood education (250 words or less).

Answered: 822   Skipped: 0

Q16 Please share an example of how you are currently using technology in the classroom to support early childhood education and learning (250 words or less).

Answered: 822   Skipped: 0