



Student Feedback Survey

EdTech and OIRSA collaborated on a survey that students were asked to fill out at the end of the Fall 2015 and Spring 2016 semesters. The survey was anonymous and survey responses were kept confidential by OIRSA. Sixty-seven students completed the survey, which had 14 questions. A list of these questions is provided below.

Questions

1. How often did you use the iPad in this class?
2. For which tasks did you mainly use the iPads in this class? Select all that apply.
3. How long did it take to distribute and set up the iPads before each class?
4. Did you experience any technical problems connecting to Wi-Fi?
5. How helpful was the EdTech staff with any technical issues you may have had?
6. Prior to taking this class, what was your level of experience using an iPad?
7. To what extent do you agree or disagree with the following statement, “The iPad helped me visualize the material used for this class better”?
8. To what extent do you agree or disagree with the following statement, “I was able to read articles, books and publications more effectively on the iPad”?
9. If you think an iPad can help you with your studies, in which classes specifically do you think an iPad could be useful?
10. Overall, how easy was it for you to use an iPad?
11. How often do you think you would use an iPad to do school work?
12. Do you have broadband internet and Wi-Fi at home?
13. Which of the following devices do you own? Select all that apply.
14. If you have any comments, please write them in the space below.

Results

Question 1: How often did you use the iPad in this class?

The first question assessed usage frequency of the iPads. 61.2% of students responded that they used the iPad in every class during the semester, while 25.4% said that they used the iPads in most classes. All students used the iPad at least once throughout the academic year.

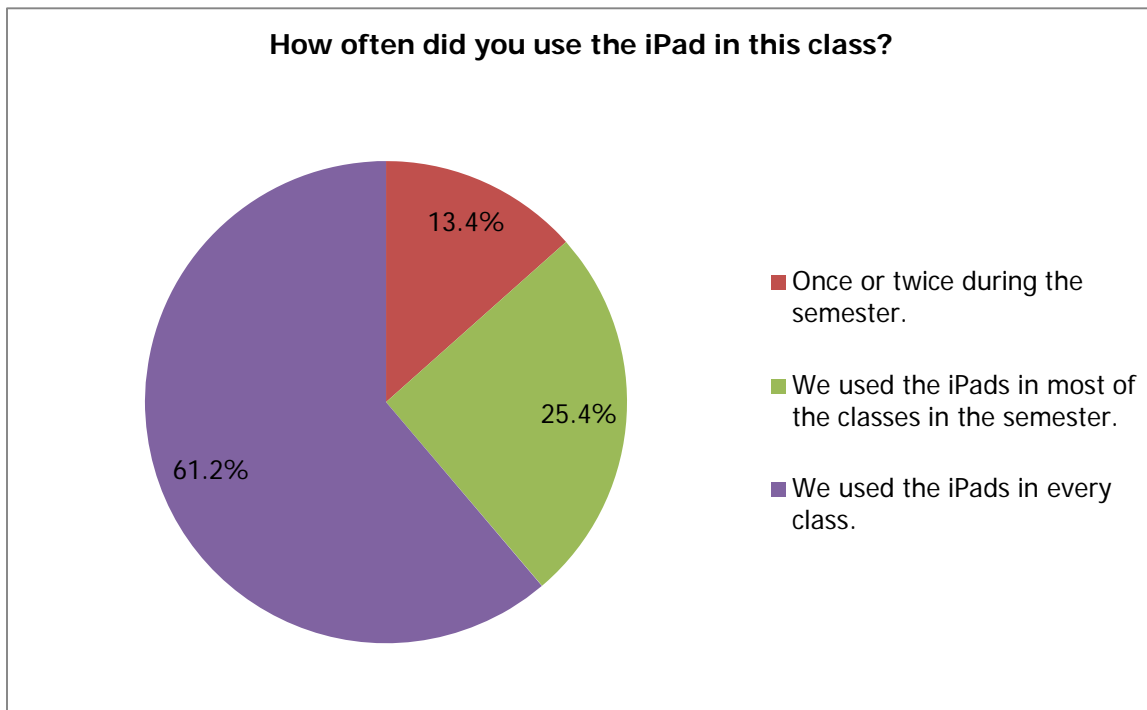


Figure 1: Classroom iPad Usage Frequency (N=67)

Question 2: For which tasks did you mainly use the iPads in this class? Select all that apply.

The vast majority of students (97%) responded that they used the iPads to log on to Blackboard or CUNYfirst. The task with the second highest response rate (32.8%) was searching the web for references or sources. Using the iPads to take notes and to read publications were both in third place at 20.9%. 14.9% of students used apps designed for their course.

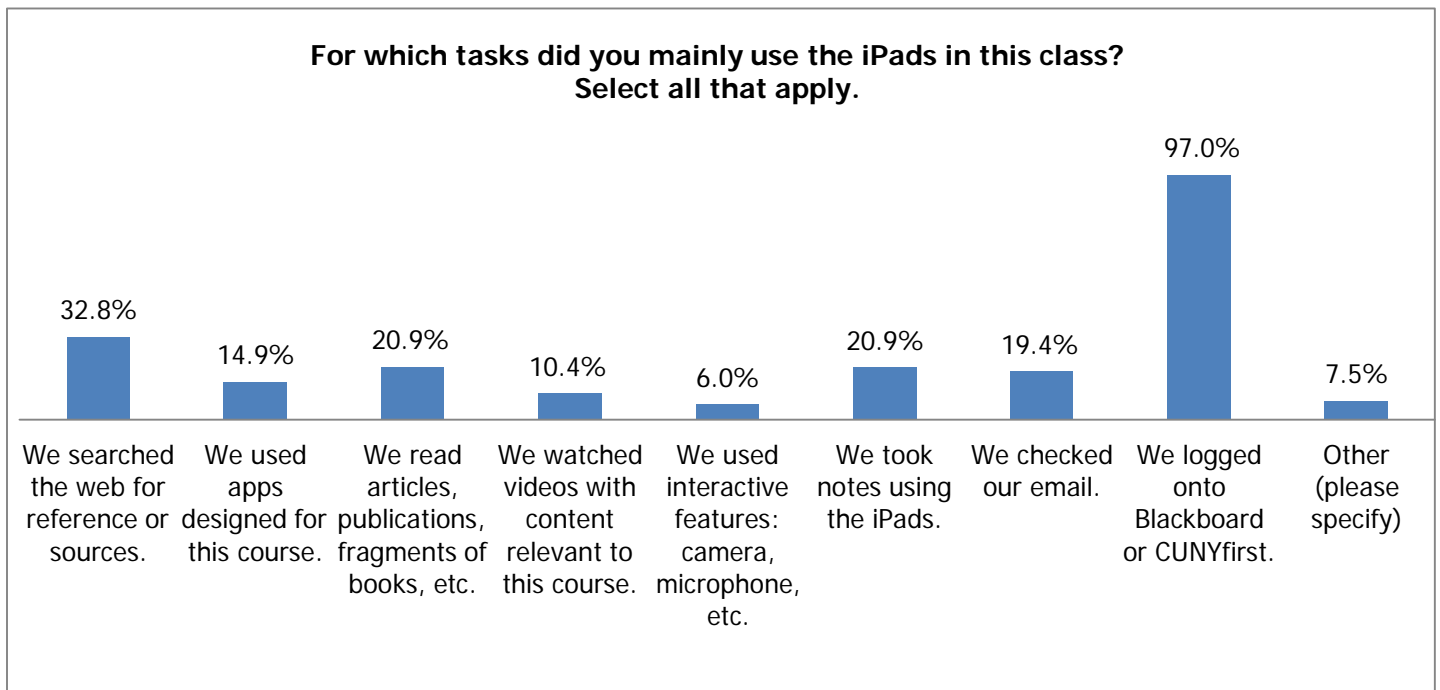


Figure 2: Usage Tasks (N=67)

Question 3: How long did it take to distribute and set up the iPads before each class?

Over half of the students said that it took them less than 5 minutes to set up; 89.6% of students were able to set up the iPads in less than 10 minutes. Only five students said that it took them close to or over 30 minutes to set up.

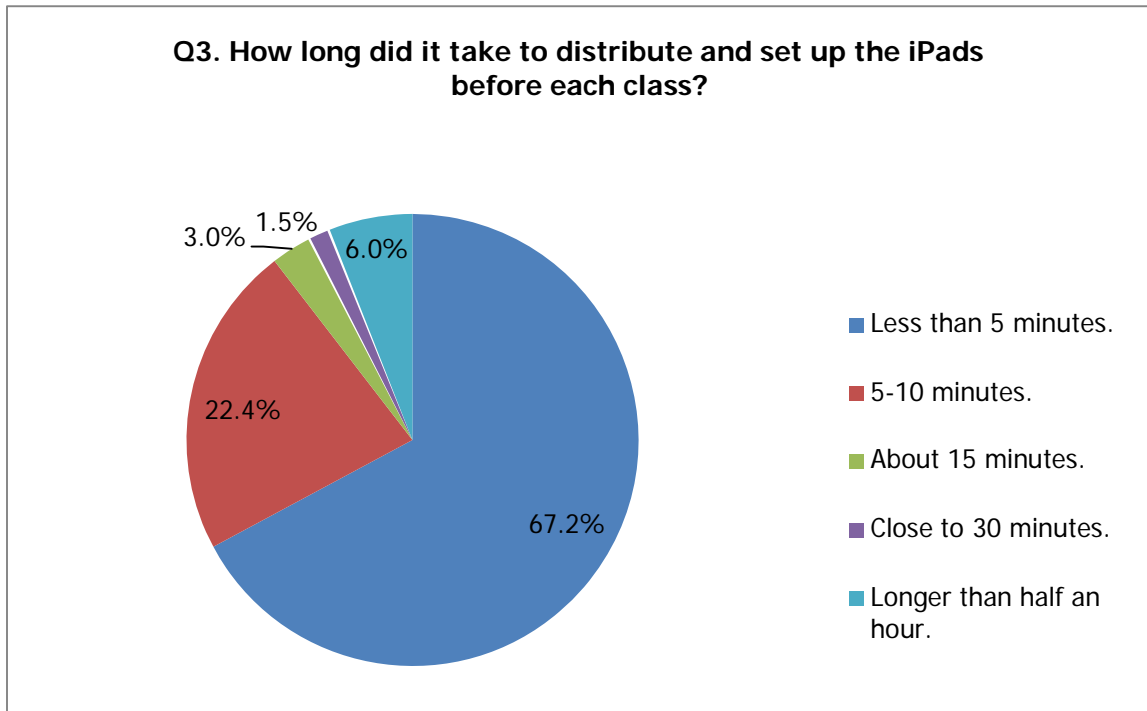


Figure 3: Distribution and Set Up Time (N=67)

Question 4: Did you experience any technical problems connecting to Wi-Fi?

53.7% of the students said that they never had any technical problems connecting to Wi-Fi while using the iPads. Therefore, 46.3% of students had this problem at least once throughout the term.

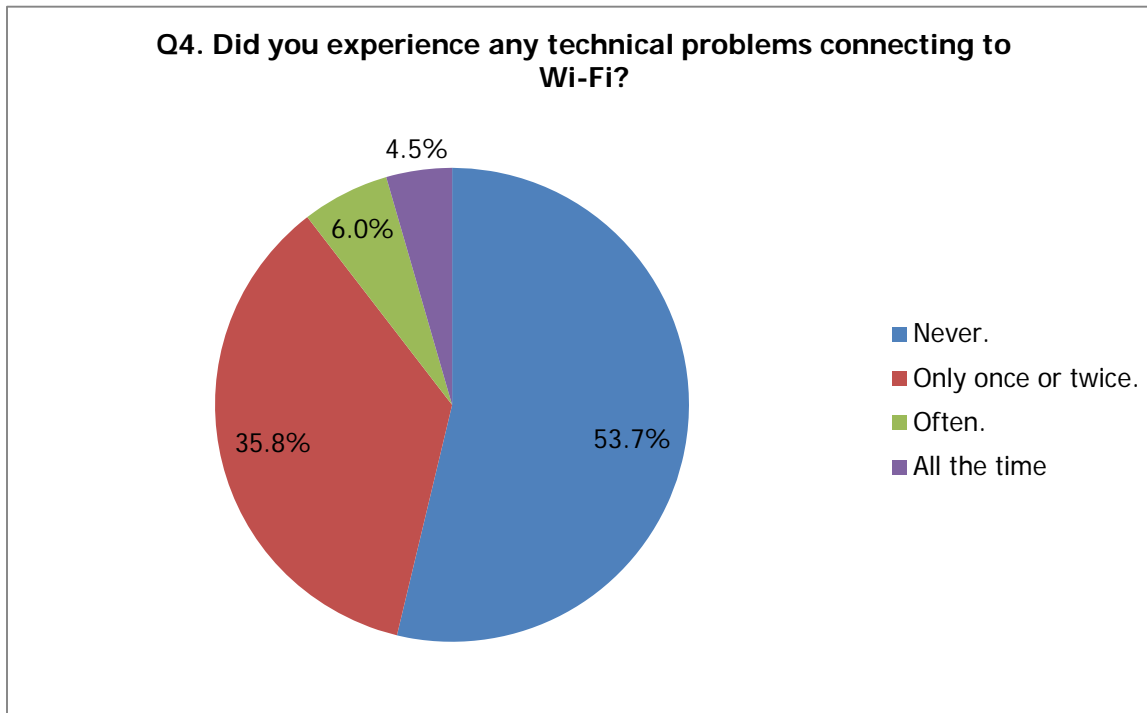


Figure 4: Technical Problems Connecting to Wi-Fi (N=67)

Question 5: How helpful was the EdTech staff with any technical issues you may have had?

91% of students found EdTech staff to be somewhat helpful or very helpful.

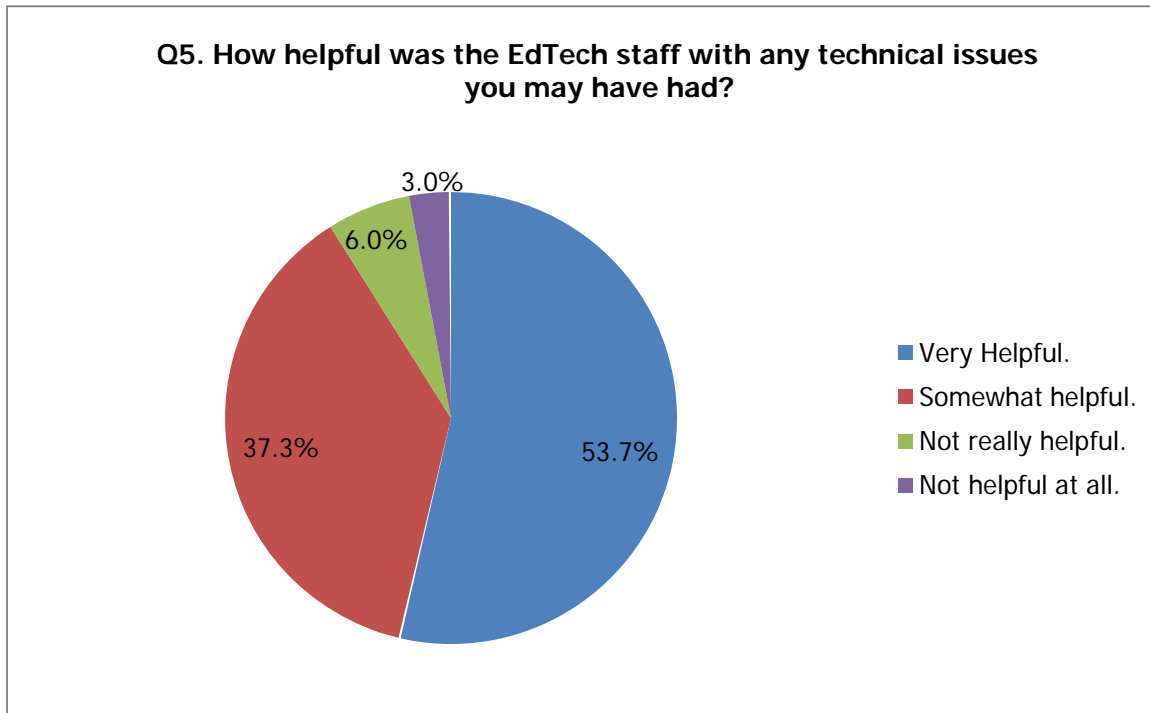


Figure 5: EdTech Helpfulness (N=67)

Question 6: Prior to taking this class, what was your level of experience using an iPad?

Over half of the students said that they had a good working knowledge of the iPad and had used it for a variety of tasks (62.7%). Only 13.4% of students said that they had no prior experience using an iPad.

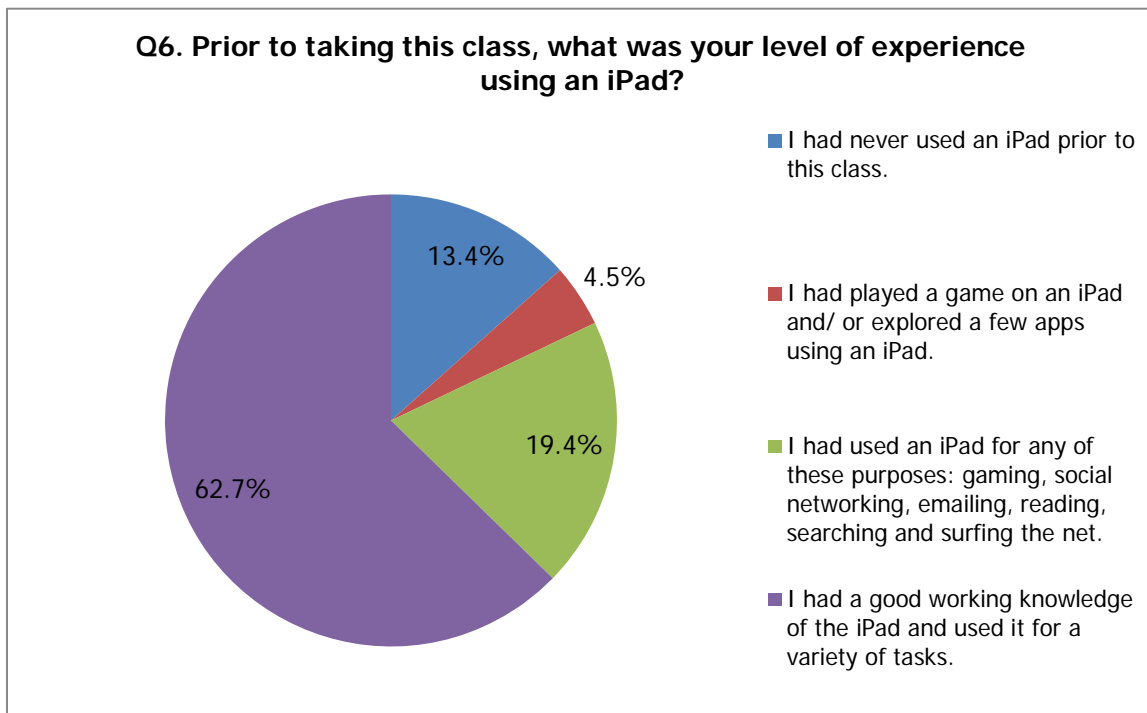


Figure 6: Prior Experience with iPad (N=67)

Questions 7: To what extent do you agree or disagree with the following statement, “The iPad helped me visualize the material used for this class better”?

The majority of students chose either “agree” or “strongly agree” (69.2%). No student chose “disagree.”

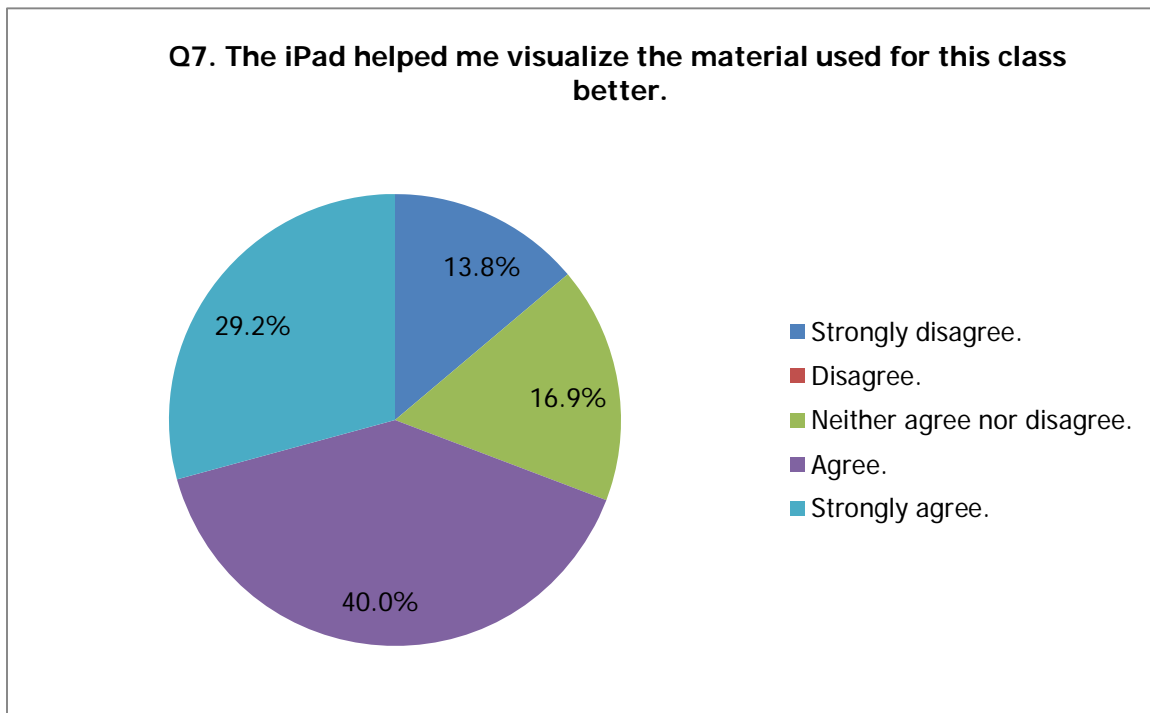


Figure 7: Visualizing Material (N=65)

Question 8: To what extent do you agree or disagree with the following statement, “I was able to read articles, books and publications more effectively on the iPad”?

As with question 7, the majority of students chose either “agree” or “strongly agree” (61.5%). However, more students chose “neither agree nor disagree” than in question 7 (16.9% vs. 30.8%).

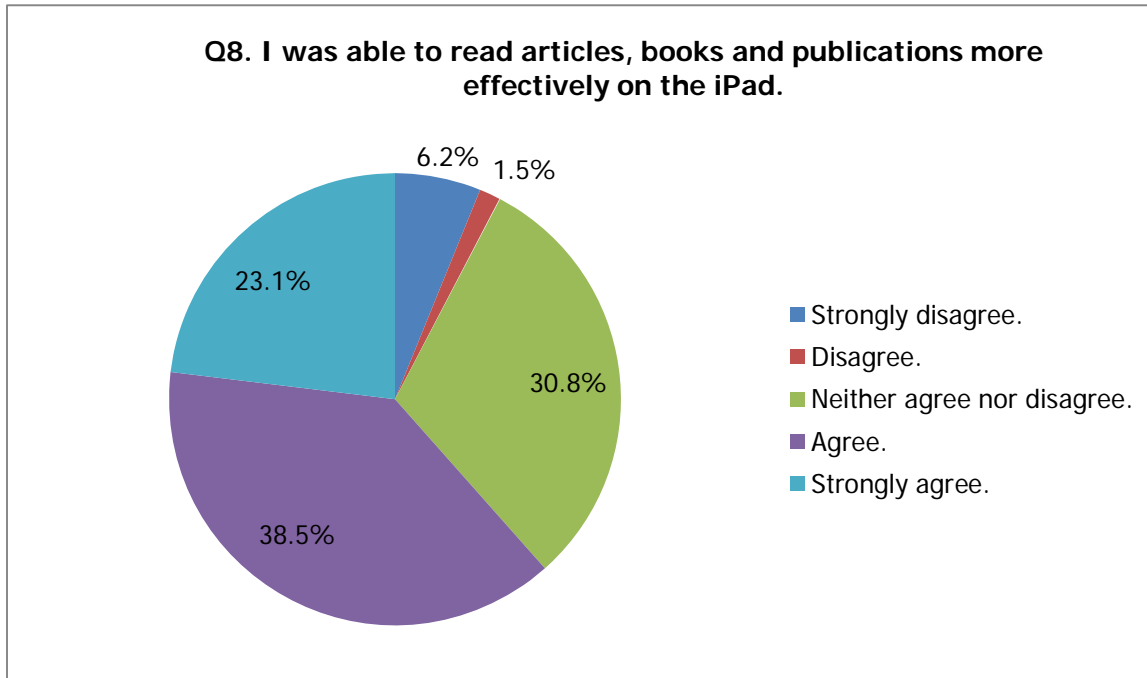


Figure 8: Reading on iPad (N=61)

Question 9: If you think an iPad could help you with your studies, in which classes specifically do you think an iPad would be useful?

This open-ended question assessed in which classes students thought iPads would be most useful. After coding the responses, these were the results:

Fall2015(N=35)

- 34.29% of students listed multiple classes.
- The most popular individual subject mentioned was Business at 31.43%, followed by English at 14.29%.
- 25.71% of students listed some kind of natural or social science, specifically Psychology, Biology and/or Sociology.
- 17.14% of students said the iPad would be useful in any/all classes.

Spring2016(N=30)

- 60% of students listed multiple classes.
- The most popular individual subject mentioned was Office Technology at 26.67%, followed by Business at 23.33%.
- 13.33% of students said the iPad would be useful in any/all classes.

Question 10: Overall, how easy was it for you to use an iPad?

83.1% of students found it was very easy to use the iPad. Only one person thought it was very difficult.

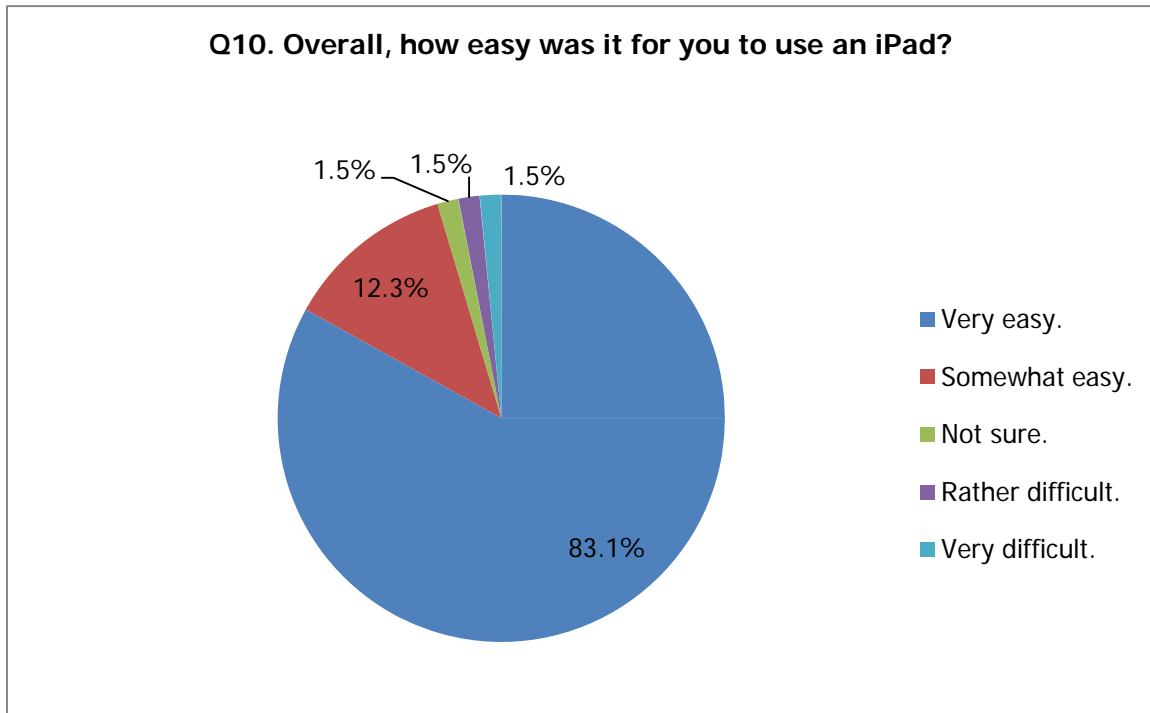


Figure 9: Overall Ease of Use (N=65)

Question 11: How often do you think you would use an iPad to do school work?

40% of students said they would use it every day. 38.5% said they would use it two or three times a week.

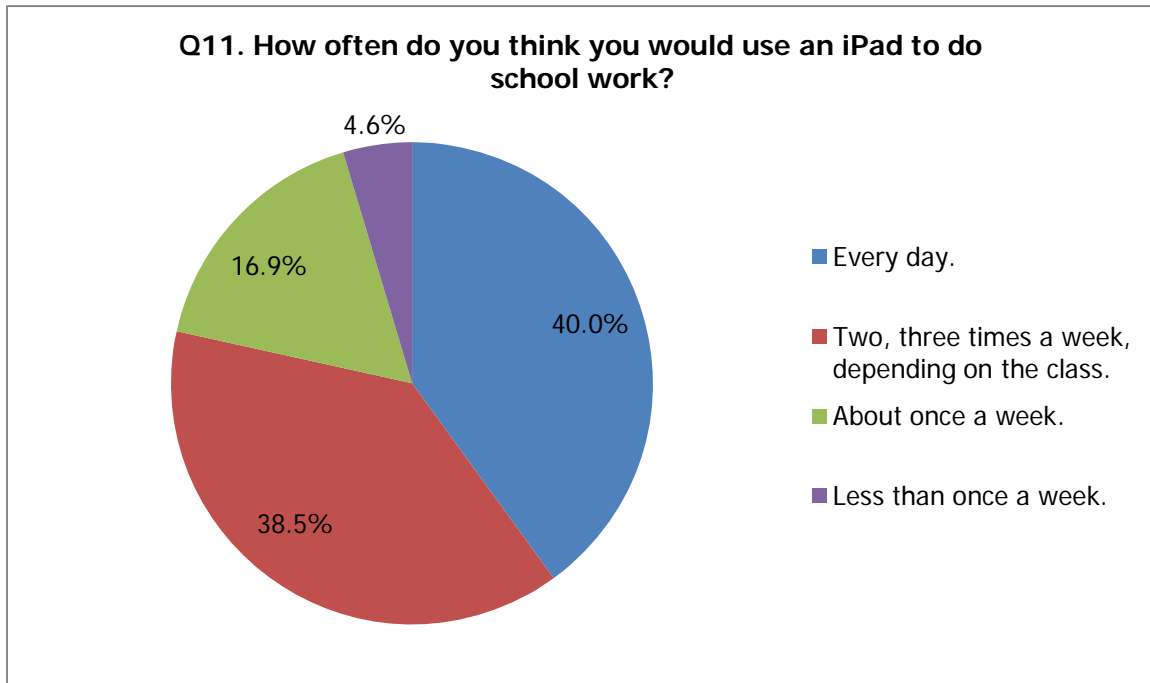


Figure 10: Frequency of Use for School Work (N=65)

Question 12: Do you have broadband internet and Wi-Fi at home?

92.3% of students answered “yes.”

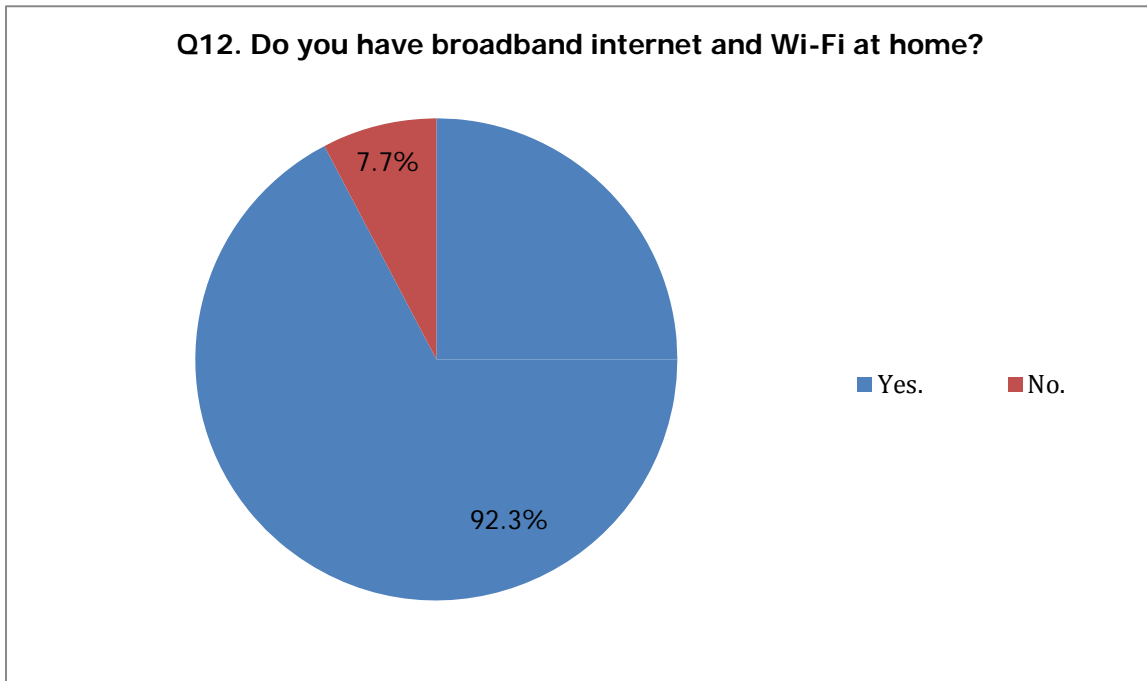


Figure 11: Broadband and Wi-Fi at home (N=65)

Question 13: Which of the following devices do you own? Select all that apply.

This question asked students which devices they own from a provided list. The majority of students said that they owned a laptop, a smartphone, and/or an iPad.

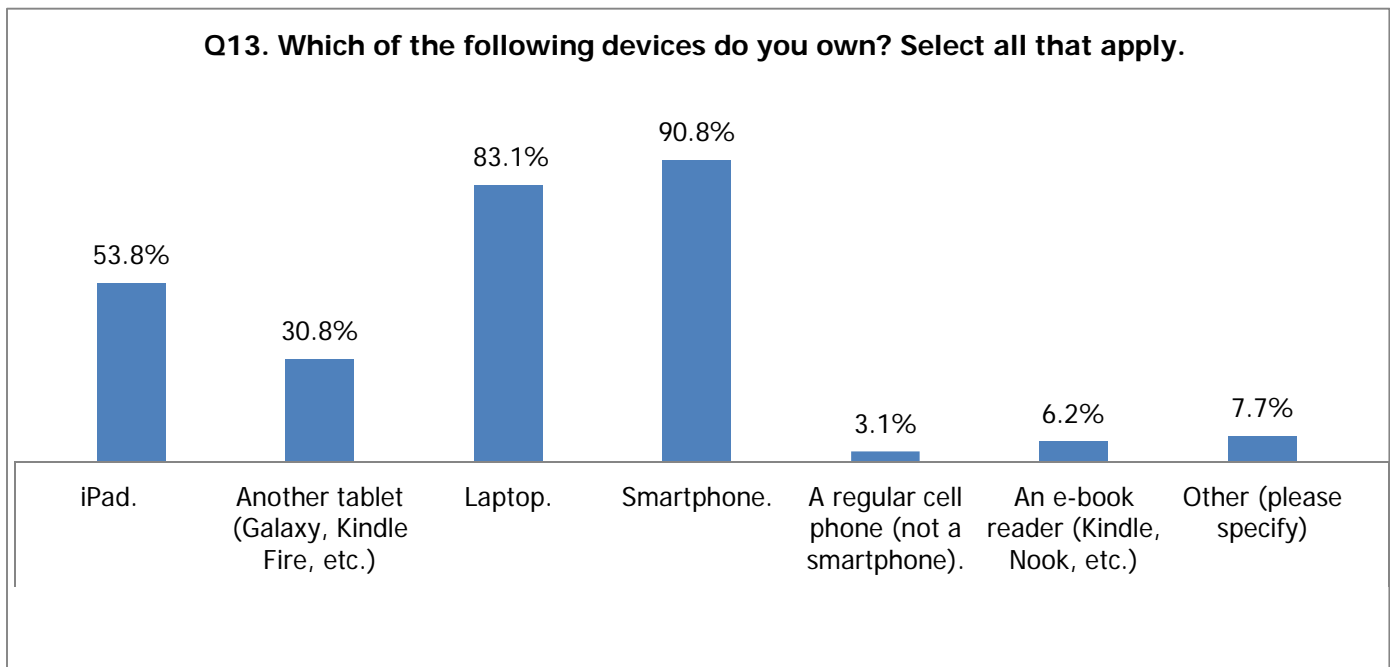


Figure 12: Devices Owned (N=65)

Question 14: If you have any comments, please write them in the space below.

This open-ended question provided students with an opportunity to make comments or suggestions regarding their experience with iPads in the classroom. In-depth analysis of the results is difficult due to the low response rate to this question. Only two students in from the Fall 2015 semester gave comments, of which one was positive and one was negative. For the Spring 2016 semester, all three students who answered this question gave positive feedback. The responses from both semesters are listed below.

Table 1: Fall 2015 Comments (N=2)

Response Text	Category
This would be useful for science related classes such as biology	Positive
Fix the Wi-Fi please	Negative

Table 2: Spring 2016 Comments (N=3)

Response Text	Category
Pretty good	Positive
Having the iPad's assisted capturing my attention and following along with the course agenda in class. The use of the iPad's during class is a very creative idea and it's improved learning and brought communications in class to higher level other than simple lecture and class discussion	Positive
iPads were a very good idea and material for this course	Positive

In general, responses to the survey demonstrated that students who participated in the iPad initiative had a largely positive experience with the program. The majority of students (86.6%) used iPads in most or all class sessions of courses that were part of the initiative. Approximately 40% of students also indicated that they would use an iPad every day for class work if given the opportunity. One potential area for improvement is increasing the use of course-specific apps. While 97% of the students stated that they used the iPads to log onto Blackboard and CUNYfirst, 14.9% used the iPads for apps designed for their course. The findings of this survey also support the need for EdTech to further streamline the technological aspects of the iPad experience, which is a goal for the upcoming year.