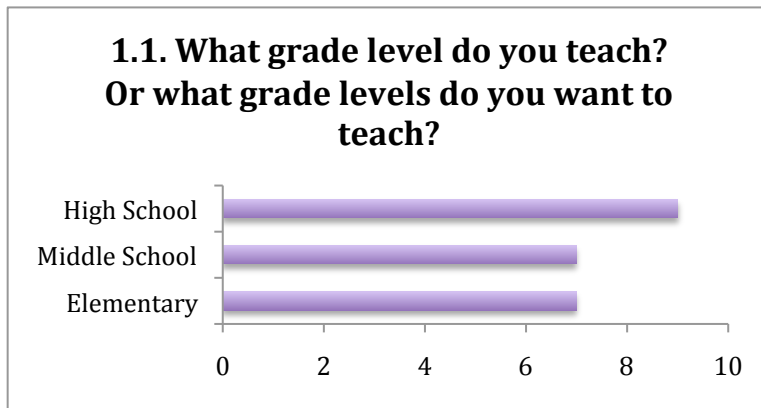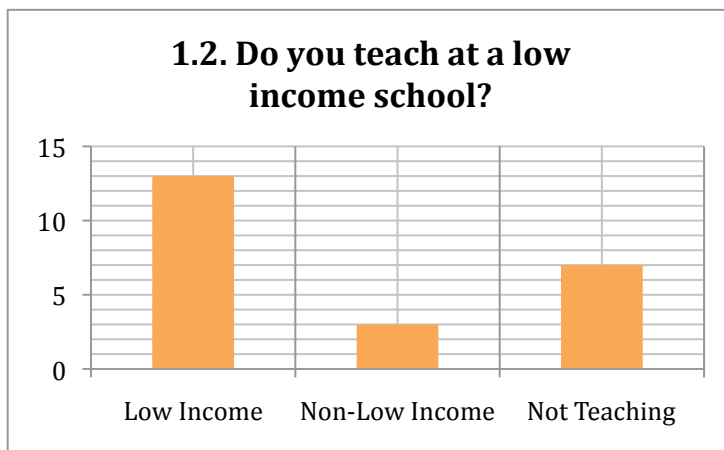# Survey Analysis Report

Technology is relatively new in many districts. There has been some training available for teachers to learn how to implement technology in their classrooms and help their students transition into more of a self-learning environment. However, has the increased accessibility of technology in the classrooms impacted students and teachers positively or negatively? The purpose of my survey was to answer this question and to gather teachers' responses on their opinions on how technology has changed their classrooms. I received a total of 23 responses, and as reflected in graph 1.1., nine of the respondents teach (or will teach) high school, seven teach middle school, and seven teach elementary school. Their responses are reflected below.

1.1. What grade level do you teach? Or what grade levels do you want to teach?

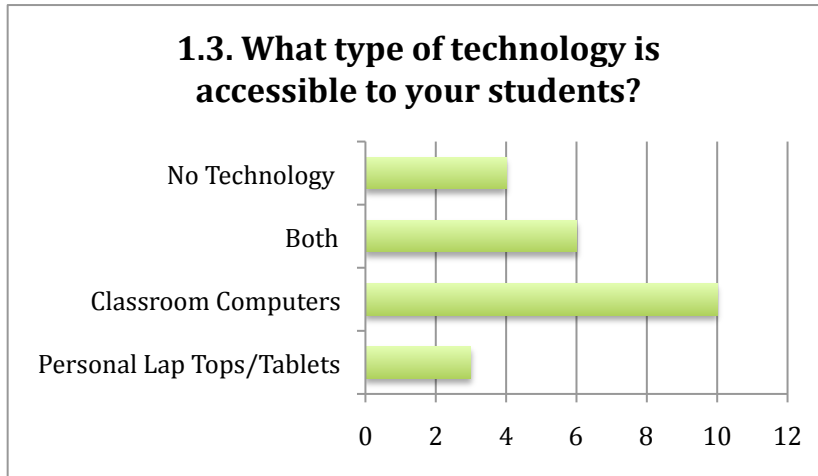| Grade Level	Count
High School	9
Middle School	7
Elementary	7

Graph 1.2. below further analyzes my respondents. Out of the 23 respondents, 13 are teaching at low-income schools, 3 are teaching at non-low income schools, and the rest do not currently hold a teaching position. The purpose of this question was to help me make a connection (if existent) between the accessibility of technology and the socio-economic standing of schools.

1.2. Do you teach at a low income school?

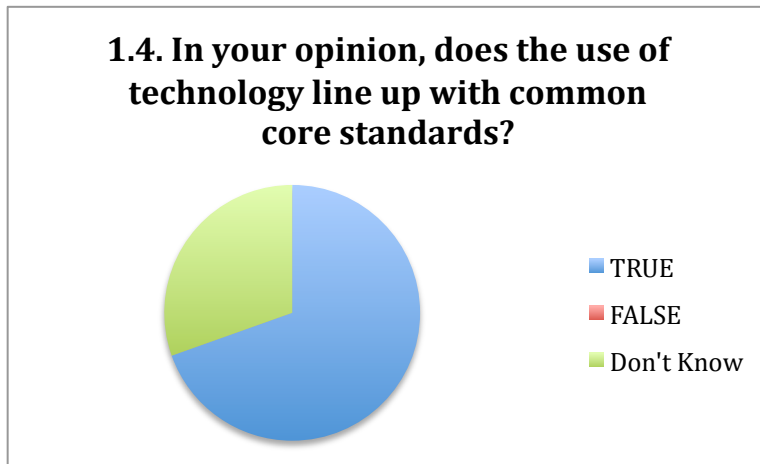| Category	Count
Low Income	13
Non-Low Income	3
Not Teaching	7

As reflected in graph 1.3., the majority of the schools where my respondents teach at have accessibility to either computers or tablets, or have both. Only, four respondents answered that their schools had no technology at all. From analyzing the surveys further, I have concluded that the four who responded to having no technology in their schools are not currently teaching.

Thus, from this response, it is okay to assume that all schools represented by this survey have access to technology, regardless of their socio-economic status.

1.3. What type of technology is accessible to your students?

Category	Value
No Technology	4
Both	6
Classroom Computers	10
Personal Lap Tops/Tablets	3

(Horizontal axis: 0, 2, 4, 6, 8, 10, 12)

As seen in graph 1.4., all respondents currently teaching believe technology lines up with common core standards. From this response, I can assume teachers find technology beneficial by helping their teaching line up with common core standards.

1.4. In your opinion, does the use of technology line up with common core standards?

Legend:
- TRUE
- FALSE
- Don't Know

In chart 1.5., there are a variety of answers. The respondents were asked to rate on a scale from strongly disagree to strongly agree on how technology has affected teachers and students in the classroom. There are a couple that believe technology has not been very beneficial to students and serves more of a distraction. However, more than 50% believe technology has made their lives as teachers easier in the classroom, technology supports effective learning, and technology has increased student engagement in the classroom.

1.5	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree	N/A	Total
Has technology made your life easier as a teacher?	0	1	2	10	6	4	23
Are students more engaged in your classroom?	0	2	2	12	2	5	23
Does technology support effective teaching?	0	1	0	12	6	4	23

My last question addresses respondent's opinions on student performance as a result of technology. Like my previous question, there isn't a consensus. Instead, there are a variety of answers. Five respondents disagreed that technology has improved time management skills and problem solving skills. However, as seen in chart 1.6 below, there is a high percentage that does agree technology has improved students' time management skills, problem solving skills, and overall academic success.

1.6	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree	N/A	Total
Improved Time Management Skills	0	4	6	8	0	5	23
Improved Problem Solving Skills	0	1	8	8	1	5	23
Improved Overall Academic Success	0	0	8	10	1	4	23

Although most of my respondents believe technology can be beneficial to student instruction, there are still many issues present with how technology is currently being implemented in the classroom. As one respondent shared, "Students are often distracted and tempted to check Facebook, Instagram, etc as opposed to using technology wisely. In classes with 30+ students, it's difficult to monitor what all students are doing." This respondent is completely right. I've worked in many classrooms, and this seems to be the number one issue I have seen with the increased access to technology. Teachers assign their students research

assignments during class, and as I glance around, more than 50% of the students are chatting, on facebook, or browsing the Internet for personal use. I believe technology can be very beneficial in the classroom; however, we must first implement some type of monitoring system that allows teachers to ensure students are using their time wisely in the classroom. The transition to technology-based classrooms will be a bumpy road, but if done correctly, classrooms will transform into high academic achieving environments.