

Technology Addiction

Team Number: Jackson-5

School Name: Jackson Middle School

Area of Science: Computer Science

Project Title: Technology Addiction

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We see technology as an addiction. With frequent updates in technology people tend to use their handheld devices so much that they are inattentive to what is immediately happening to them. In the website [Santa Fe New Mexican](#) it states that on August 7, 2016 a 23 year-old woman ran over a motorcyclist because she had been texting and receiving texts as she was driving. The man had then died of his injuries later on that night. Everyday people are discovering new things on their technological devices which becomes their new interest. People tend to not put their technology device down, and using them at an incorrect or inappropriate time and/or place. This makes it possible for the user to hurt themselves and others around them.

We plan on adding to the awareness. By coding we can give an example of what might happen if you are using a handheld device while driving. Using a modeling program called 'R'. To create a model showing what might happen if the driver is texting and driving at the same time . By making our model more realistic, we could also add more obstacles to discover ways to improve and solve this societal problem. We plan on adding to our code to show different examples of a driver who is and isn't texting while driving. Our model will investigate random drivers on the road who are and are not texting and view the results upon their driving.

We are researching technology addiction, and have begun developing our code. We have spoken to multiple people who have experienced these problems of texting while driving. We also have kept tabs on how many people were on their cell phone when they are not supposed to. We have spoken to Sonia Montgomery, a registered nurse case manager, who said, " Now that our economy has grown into the age of technology, we have been amazed in what it can do, and have used it in the wrong times and have endangered others while using their devices." As a registered nurse case manager she has dealt with patients that have been texting while driving and caused an accident. Knowing the cause of the accident and records of when each incident occurred helps her to understand what might have happened, and had given us every detail needed for this project.

We collect data from our school administration office to see how many students have had their phones confiscated because they refuse to get off of it. We are tabulating the number of drivers who are using handheld devices, students and teachers who are using devices for things other than school work, and talking to a registered nurse who works the cases of the individuals who have had accidents because of the use of the devices.

We hope that people will find new awareness in their addiction to technology and that they will realize that being on their handheld devices at the wrong time and/or places can be dangerous.

References:

- Technology Addiction | Internet Addiction. (n.d.). Retrieved November 28, 2016, from <https://www.addiction.com/addiction-a-to-z/technology-addiction/>
- Brody, J. E. (2015). Screen Addiction Is Taking a Toll on Children. Retrieved October 17, 2016, from <http://well.blogs.nytimes.com/2015/07/06/screen-addiction-is-taking-a-toll-on-children/>
- Police: Driver was texting before fatal crash with motorcyclist By Andrew Oxford The New Mexican The Santa Fe New Mexican. (n.d.). Police: Driver was texting before fatal crash with motorcyclist. Retrieved November 28, 2016, from http://www.santafenewmexican.com/news/local_news/police-driver-was-texting-before-fatal-crash-with-motorcyclist/article_5e697571-61c4-56df-9098-b24c5e2b3fcd.html
- Health and Technology. (n.d.). Retrieved November 28, 2016, from <http://www.digitalresponsibility.org/health-and-technology>
- Facts and Statistics. (n.d.). Retrieved November 28, 2016, from <http://www.distraction.gov/stats-research-laws/facts-and-statistics.html>