









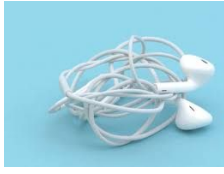











Year Long Project Potential Problems

	Problem	Picture	Details	Research
1	Shoelaces getting untied		This problem affects everyone that wears laced shoes. Tying shoes over and over gets repetitive.	https://www.livescience.com/58649-why-shoelaces-untie.html
2	Dipping cookies/biscuit in milk/tea and losing half of it		This is a problem many children and some adults face. Cookies and warm milk is something everyone loves.	https://www.rd.com/food/fun/dunking-cookies-in-milk/
3	Broken jacket zippers		This is a problem that nearly everyone faces multiple times in their life. This is not only a problem for jackets but all zippers.	https://lifehacker.com/5975700/how-to-fix-every-common-zipper-problem
4	3 Ring Binders break easily		This problem is encountered normally by students and people who need to keep files organized.	https://www.duraweld.co.uk/blog/how-to-fix-a-damaged-ring-binder/2013/02/
5	Standing in line		Lines are found nearly everywhere, they are used to wait for your turn. Some lines take a very long time and standing for a long time is exhausting.	https://www.washingtonpost.com/news/wonk/wp/2015/11/27/what-you-hate-about-waiting-in-line-isnt-the-wait-at-all/?noredirect=on&utm_term=.df81c28e9a32

6	Umbrellas breaking due to strong winds.		This problem affects people in places with rainy/windy weather. Strong winds cause the weak metals to collapse.	https://www.readersdigest.ca/home-garden/tips/5-things-do-with-broken-umbrella/
7	App for finding cheapest gas stations nearby.		Gas can be very expensive in some neighborhood and an app to find cheap gas stations can be very useful to drivers.	https://www.gasbuddy.com/GasPrices/California/Santa%20Monica
8	Outdoor heaters losing heat to surrounding		To maximize the use of an outdoor heater, people need to be surround it by 360°	https://www.aeicorporation.com/blog/repair-and-maintenance-for-outdoor-heaters
9	Air Pollution		Air pollution comes from many sources and it affects everyone. In the industrial world we live in there is more and more pollution everyday.	https://medlineplus.gov/airpollution.html
10	Oil Spills		Oil spills occur when petroleum is spilled into the oceans and kills many marine animals.	https://www.nytimes.com/topic/subject/oil-spills
11	Headphones get tangled when they are put in a pocket.		Headphones always find some way of getting tangled up in people's pockets.	http://blogs.discovermagazine.com/seriouslyscience/2014/06/18/scientific-explanation-earphones-always-tangled/#.XAC0qpNKi8o

12	Mirror that doesn't fog in the shower		Some activities like shaving require to see yourself and a fogless mirror would be very helpful to shave in the shower.	http://scienceline.ucsb.edu/getkey.php?key=3141
13	Alarm doesn't wake the person up		Alarms don't always wake up the person, people grow accustomed to the noise and cancel it out.	https://www.verwellhealth.com/should-i-use-an-alarm-clock-3014949
14	Easy way to line up beard		Keeping a nicely lined up beard is difficult to do and is time consuming having to do it multiple times a week.	https://www.menhealth.com/style/a19545661/5-beard-maintenance-tips/
15	Getting carried away on social media		A large percent of teenagers get carried away on their phones and spend endless hours surfing the web.	https://www.huffingtonpost.com/entry/biological-psychological-reasons-for-social-media_us_58c279a7e4b0c3276fb78388
16	Water fountains rarely work and have bad tasting water		The water fountains at Samo have bad tasting water and often they don't work or work very poorly.	https://sites.psu.edu/siowfa15/2015/09/17/are-drinking-fountains-safe-to-drink-out-of/
17	Michigan Street has too much traffic		Driving on Michigan and 7th street in the mornings takes too long due to traffic.	https://auto.howsuffworks.com/car-driving-safety/accidents-hazardous-conditions/traffic.htm

18	No student parking		Samo being a school with nearly 3,000 students, should have on-campus parking for teachers and upperclassmen.	Talking to many teachers, they agree that they deserve on campus parking. Many seniors and juniors also want parking.
19	Dirty School bathrooms		The bathrooms at SAMOHI are one of the dirtiest parts of the campus. The I house bathrooms are nice but are locked very often.	http://newsroom.blogs.cnn.com/2011/10/03/school-bathrooms-would-you-go-there/
20	Not enough seating per table at I house		My friends and I sit in the Innovation quad for lunch and the tables are too small. They comfortable sit 8 people and you can squeeze up to 12.	Many Samo students agree that the tables are not big enough to fit their entire "squad"