

Day one, Dec 4, 2023: deciding the project
My list

- ~~AI (What is it used for)~~
- ~~computers (how have they changed)~~
- ~~cars~~
- ~~how do bees fly~~
- ~~time travel (is it possible) (do astronauts do)~~
- ~~the science behind tick~~
- ~~optanes: how they work (how do they run)~~
- ~~do astronauts time travel when in space for long time.~~

My decision is: ~~time travel~~

Day two: Dec 5

changed project: understanding grade 5's

I will find schools around the world and see if they will have a grade 5 class fill out a questionnaire. This is a list of some questions.

- when do you go to bed
- when do you wake up
- What sports do you play
- do you play video games?
- do you watch TV (grouped)
- How long do you spend on a screen.
- do you own your own phone
- what games/shows do you watch/play
- are you on social media if so what
- What is your favourite class in school

- how big is your home
- what do you eat at home
- does your school have a cafeteria
- what winter holiday do you celebrate

I chose this topic because it is unique and my parents have lived in a lot of places and know a lot of people. I will give it to English speaking countries only, so I don't need a translator. more ideas.

- what language do you speak at home
- do you wear different clothes in the winter.

my dad took the base quiz to give me feedback

Feedback:

- Find best way to get consistent hours
- add a way to keep track of location

I want to know what time they go to bed
and total hours of sleep

Dec. 7

- had science fair meetings

Dec. 8

- wrote list of questions
so it was easier

Demographic

- What country do you live in

- Gender

Sleep

- What time do you go to bed

- When do you wake up

- Do you feel tired in the morning

Activity

- What sports do you play

- How many hours do you play sports

Tech

- Do you play video games

- How long do you spend on a screen

- Do you own your own tech, if so what

- What social medias are you on

Culture

- How many languages do you speak

Dec 14

- Wrote a letter for principals, found schools.

Jan 15

- drafted email on docs.
- updated survey, figured out workflow.
- made informed consent electronic.
- finalized survey, now when somebody fills out the informed consent they get the link to the form, tested workflow.
- my parents helped by emailing their contacts and posting it on linked.

Jan 15

- sent email to my teacher and principal asking to share survey.

Feb 18

- Took in results from survey.
- analysed results in sheets.
- started making charts.

Feb 19

- continued chart making.
- Planned out trifold

Feb 25

- started to analyze the data
- dad made it anonymous
- analyzed by going through each question making it numeric and finding the mean

Feb 27

- tested hypotheses
- made new charts that were better

Feb 28

- updated methods and background research

Mar 1

- wrote out more info about the hypotheses and whether they were supported or not

Mar 3

- finalized data
- double checked data
- printed data for tri-fold
- measured and planned layout for tri-fold
- glued on data
- wrote the what I learned and my references.

Mar 4

- ordered poster letters off amazon
- Glued letters on and made titles

