

[name omitted for sample]

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Nondescripts

Research Paper

Introduction.

There are over six hundred students attending Haines City High School and after a while their outlook on the environment can either harm planet Earth or it can help it. On average, you see a large clump of students entering or leaving the school in vehicles or bus. But there's a vast majority that actually use their bicycles or they walk. Do they walk because they want to help the environment? The purpose of this investigation is to see how the typical Haines City High School student's social view affects the environment. We need to take care of our planet, so this question does have scientific base. I would like to learn many things from this investigation. I would like to see how is the school doing regarding on social and ecological views. *Do social views affect how the student comes to school?* That is the scientific question being asked in this investigation. Most people are afraid of being called a tree hugger if they ride their bicycle or walk to school, so they buy a car and ride it to school to show it off at the school's parking lot. This eventually hurts the environment around the school and eventually around the whole world by hurting the ozone layer. Scientists should know information like this to know why it is that people are not really helping out the environment and making it a better place to live in. Some people are so focused on their social life at school that they do not walk to school because they do not want their hair to get messed up. After much thinking I have reached my hypothesis. If social views affect how the student comes to school,

then many students do not ride their bicycles or walk because they do not want to run the risk of being made fun of. There is information available on the core of this investigation. There are studies done on the ozone layer and global warming. But the information available does not cover the local area specifically of Haines City High School. With this experiment I am hoping on figuring out what the social expectations are at Haines City High School and if that affects one way or another how the students get to school.

Materials

- 1) Writing Utensil
- 2) Paper
- 3) Survey
- 4) Cars
- 5) People who walk
- 6) Amount of people at HCHS
- 7) Charts

Methods

- 1) I will go to the office and explain this assignment, and then I will ask how many students attend HCHS. If they do not give me an exact number I will ask for an estimate of how many students are at HCHS all year.
- 2) After I receive the number of students that are enrolled at HCHS. I will then ask for the number of students who have parking permit in HCHS. This should let me know the number of students who are eligible to park in the parking lot out of all the students at HCHS.

- 3) I will then do a survey about view on a student having a car whereas a student who walks. I will pass this survey out to an equal amount of students in International Baccalaureate and in HCHS. This is a copy of the survey:

Answer True or False to the following questions.

- _____ It is cool for a guy/girl to have a car and drive to school.
- _____ I would not talk to someone without a car.
- _____ I would make fun of someone who walks to school.
- _____ I wouldn't date a guy/girl without a car.
- _____ People should ride their bikes to school to save gas.
- _____ Only nerds walk or ride their bikes.
- _____ I'm only friends with someone if they have a car.
- _____ The more someone uses their car, the better they are.
- _____ I don't ride a bike or walk to school because I'm afraid of what people might say.
- _____ I don't want to get made fun of so I ride a car to school.

- 4) After collecting the survey, I will take the data I collected through the survey and make a chart of the views and how many people answered true or false to a question.
- 5) I will then observe how many students from HCHS I actually see walking away from school to get home. Even though I will not know the actual reason of why they are waking, I will have an overview of the amount of students I see walking and the amount of students who ride a car compared to the number of students present at HCHS.
- 6) After collecting all my data I will organize it, and then I will reach my conclusion.

Results

From my survey, I noticed that most of the students thought the same on most of the questions. Majority of the students agreed on their answers and therefore it caused for a tremendous amount to answer either true or false, while only one or two people would answer the opposite to the question. Each question that I surveyed has a graph and table, which compares how many students answered true or false to each question. (See graphs separately, tables below.) There are 1,710 Students in HCHS. Out of those Students only 244 have parking permits. That means about 14% of the school have parking permits. That is not even one half of the school's population. I observed about 30 students walking home after school. That means no even 1% of the students walk from school. The rest of the students either ride home with a parent or they ride the bus. Majority of the students ride the bus to and from school.

Question One: It is cool for a guy/girl to have a car and drive to school.

Possible Answers	Number of Answers
True	19
False	2

Question Two: I would not talk to someone without a car.

Possible Answers	Number of Answers
True	0
False	21

Question Three: I would make fun of someone who walks to school.

Possible Answers:	Number of Answers:
True	2
False	19

Question Four: I wouldn't date a guy/girl without a car.

Possible Answers:	Number of Answers:
True	1
False	20

Question Five: People should ride their bikes to school to save gas.

Possible Answers	Number of Answers
True	9
False	12

Question Six: Only nerds walk or ride their bikes.

Possible Answers	Number of Answers
True	0
False	21

Question Seven: I'm only friends with someone if they have a car.

Possible Answers	Number of Answers
True	0
False	21

Question Eight: The more someone uses their car, the better they are.

Possible Answers	Number of Answers
True	0
False	21

Question Nine: I don't ride a bike or walk to school because I'm afraid of what people might say.

Possible Answers	Number of Answers
True	2
False	19

Question Ten: I don't want to get made fun of so I ride a car to school.

Possible Answers	Number of Answers
True	4
False	17

Discussion

My hypothesis was not fully proved but the investigation performed suggested that even though social views do affect somewhat how the student comes to school, it is still in the position of what is possible for the students. It seemed as if some students would ride their cars if they even had a car. Others would ride the bus if the bus would go to their house. So the research I did did not fully disprove or prove my hypothesis. This investigation can be performed differently and maybe it would have a different outcome. It just depends the controls and what you are measuring.

If I had the chance to do this investigation again, I would allow myself more time so I can have a more accurate number of students who walk home from school. After I figure that out, I would count how many buses offer transportation to HCHS. I would also ask for each bus route and that should give me an approximate number of students who ride each bus. When I get this information, I would find out what percent of students ride the bus. This number should be the largest number of all since I did the other possible ways of getting home from school and it was not even 50% of the school's population. This is the main thing I would do different. Everything else would be the same.

Even though this type of investigation has not really been performed this way, there is information done on what the effect of riding your vehicle too much can do on the Planet. We all know that burning fossil fuels harms the ozone layer, which is causing global warming. If we do not stop burning so much fossil fuel then the ozone layer will start to get worse and global warming has the potential to hurt the Planet at great lengths.

After much information on this investigation, we can conclude that social views might have a potential to affect how we treat the world. But what really influences a person is the ability to obtain the materials to help or hurt the environment, e.g. the car, the bus, the bicycle. If a person does not have enough money to buy a car, then the student would either walk or ride the school bus, hence not harming the environment around HCHS as much. Therefore, I believe that if the person has the ability to buy more things, which in return hurt the environment, the person would buy it because of social views. This can be applied to the everyday life, because a person would buy a bigger and expensive vehicle if they had the money. Buying the bigger and expensive vehicle means they would hurt the environment. The reason they would buy the car might be because of social views at their job or parties. This is how I can conclude the information I obtained on my investigation.

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