

Are You Aware of Climate Change?

Introduction:

The students of today will lead the United States in the future. So, I wanted to explore the awareness of climate change (a severe problem) among the students in grades 3 - 6.

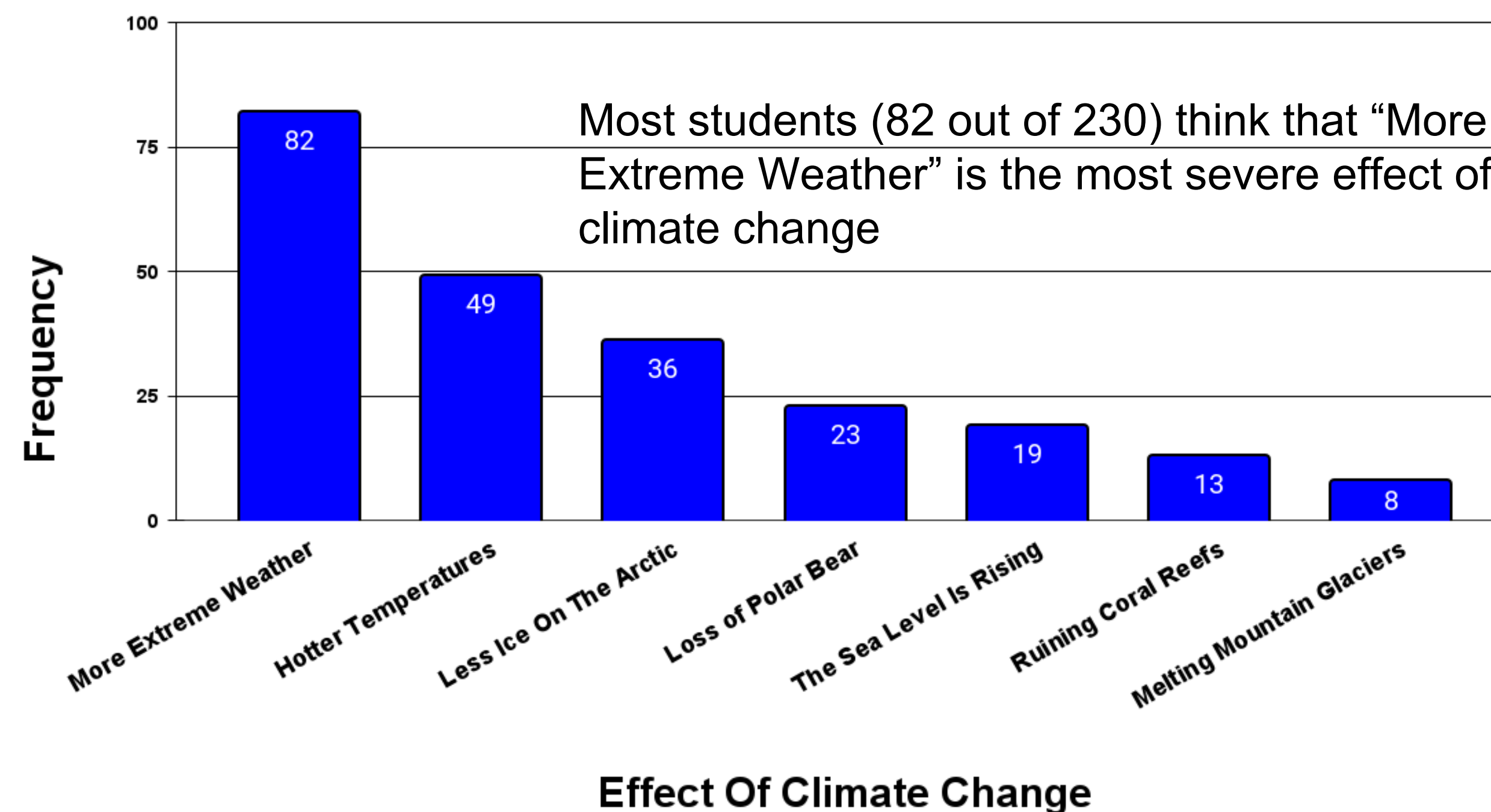
Research Questions:

- Are kids aware of climate change?
- What are the opinions of kids on some aspects of climate change such as its largest contributors, and effects?
- Does the knowledge of climate change increase as kids grow up?



Graph 3

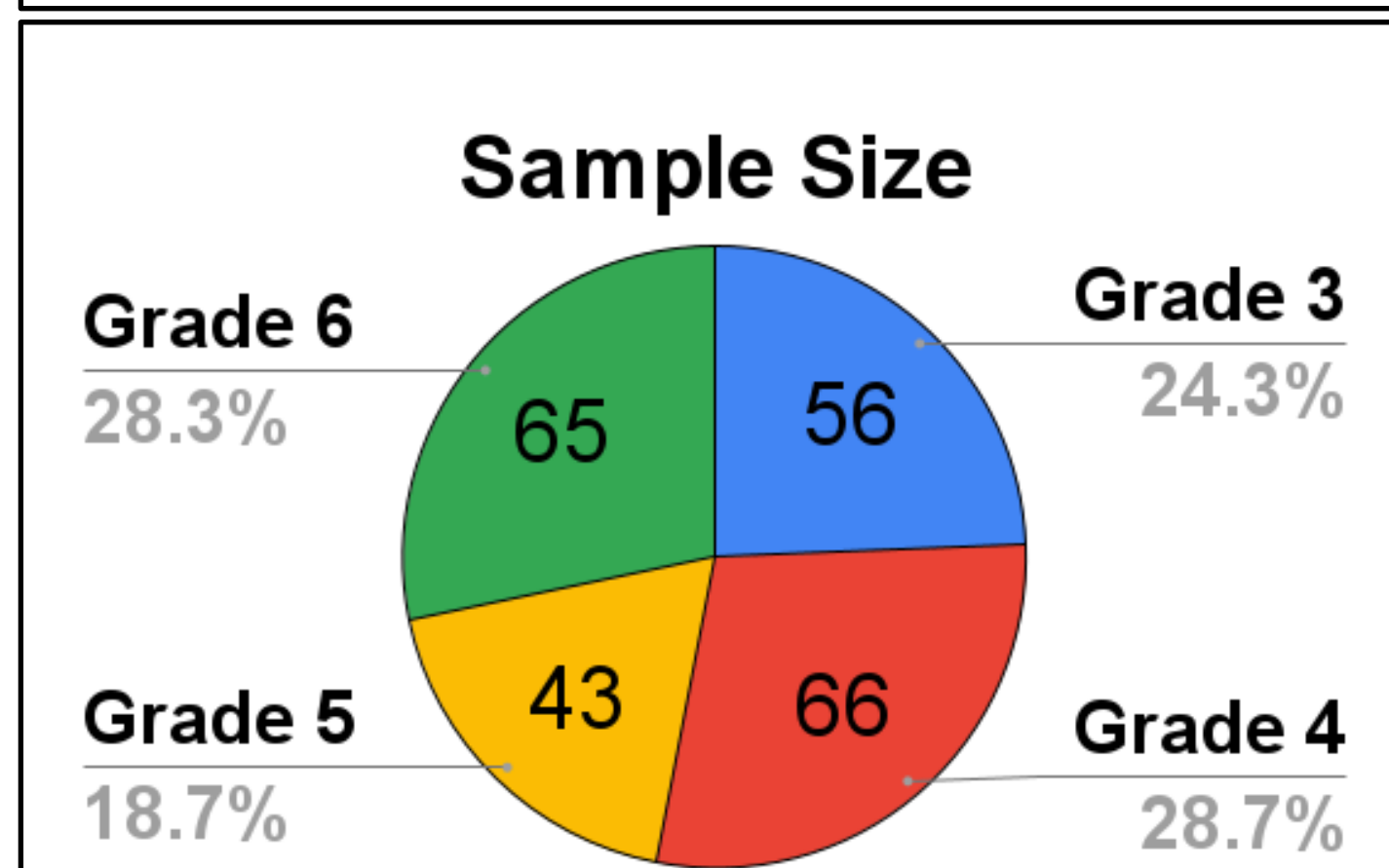
Most Severe Effect Of Climate Change According To Students



Method:

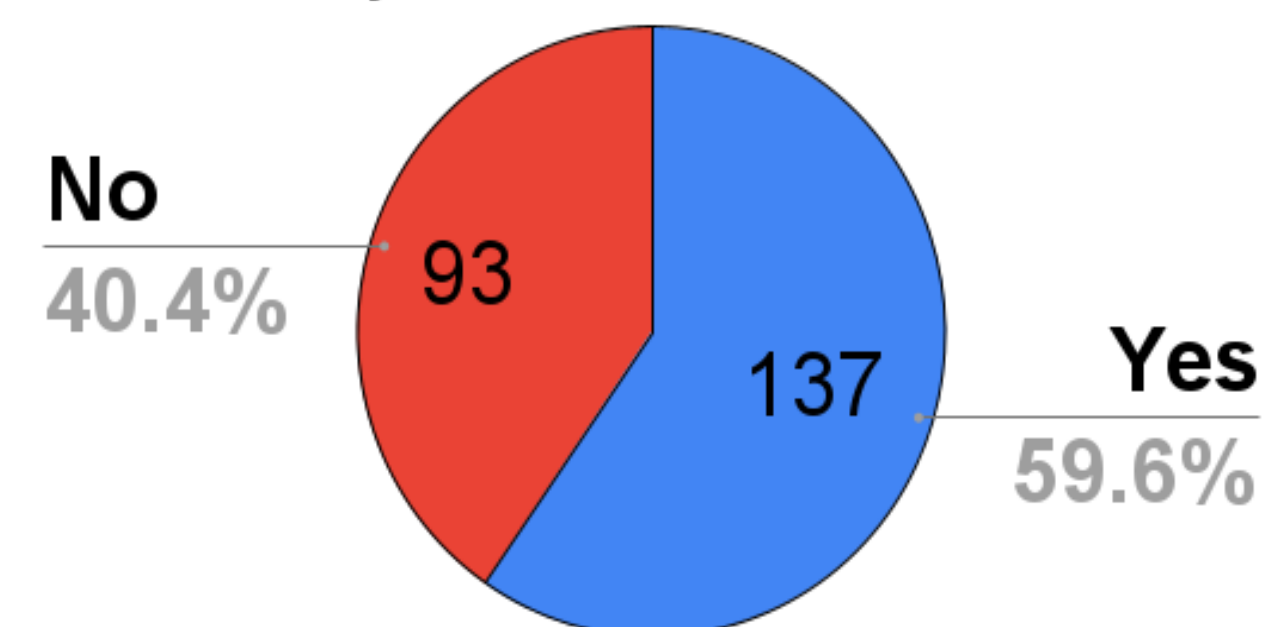
I developed an anonymous Google Form and my teacher helped me to circulate it to the 230 students (Graph 1) in grades 3–6 in four schools in my district. To assess the knowledge of students on climate change, I made a quiz consisting of ten questions covering basic concepts. Depending on the responses on whether they strongly agree or disagree with the concepts, I assigned points to each student that varies from 0 ("strongly disagree") to 4 ("strongly agree") for each question. Then I calculated the average score for each grade. I used Google Sheets to produce the graphs.

Graph 1



Graph 4

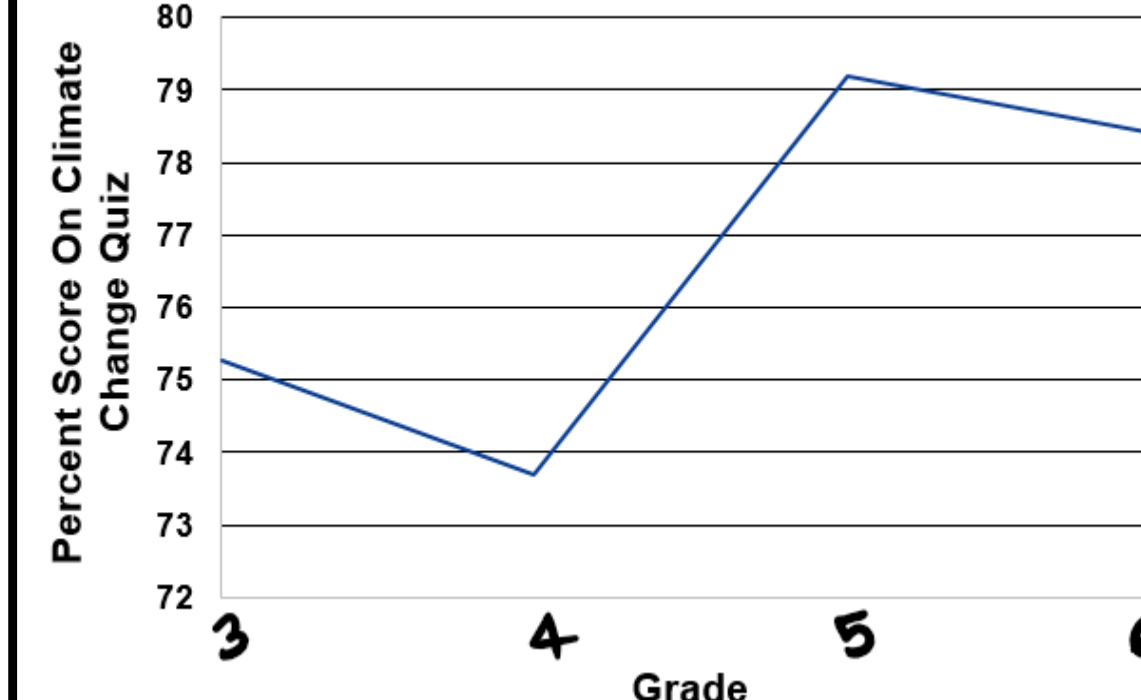
Percentage Of Students Who Are Making Changes To Their Life Styles Because Of The Effects Of Climate



Over half (59.6%) of the students are making changes to their lifestyles because of the effects of climate change.

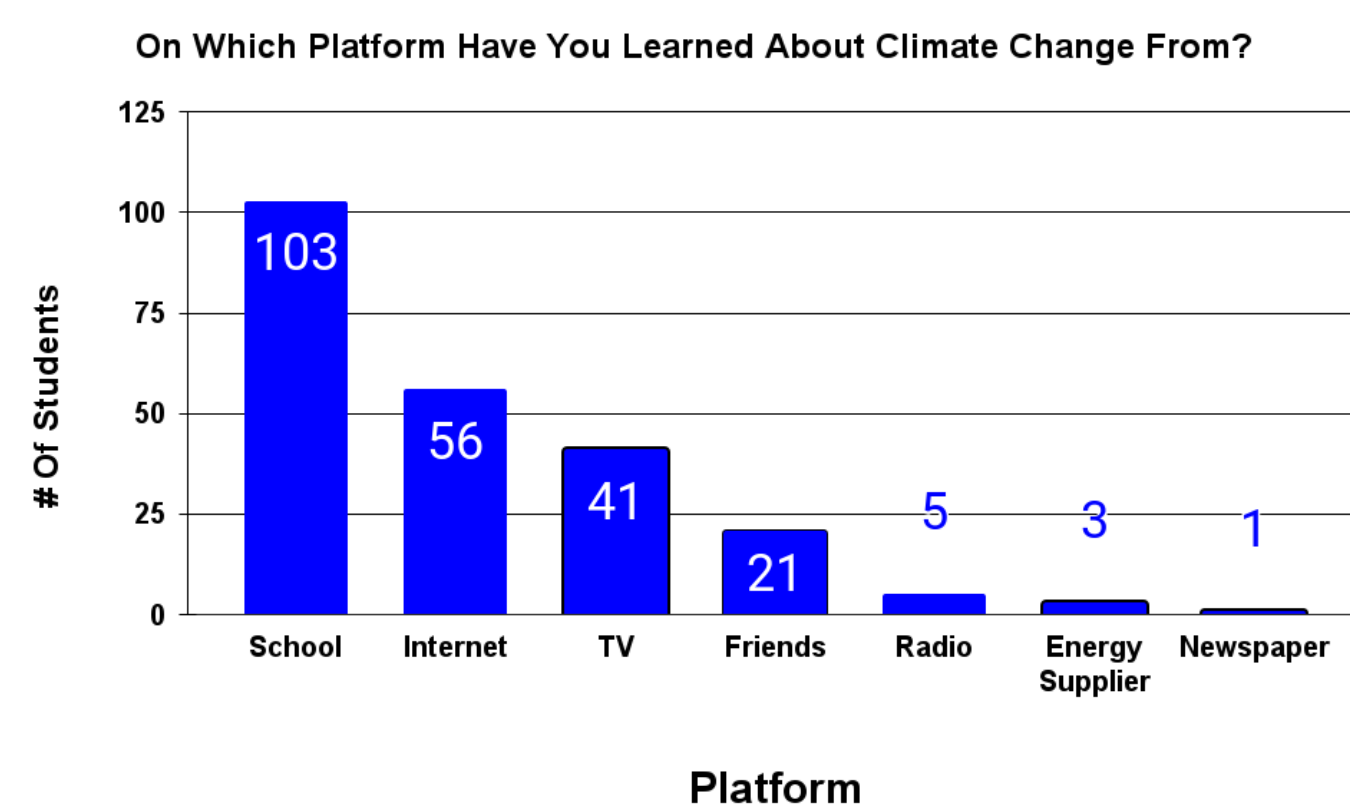
Graph 5

The Climate Change Knowledge Of Students Relative To Grade



Knowledge on Climate change increased in grades 5 and 6 compared to that of grades 3 and 4. This is based on the grade average score (%) on the quiz.

Graph 2



The majority (103 out of 230) have learned about climate change from school. The number of students adds up to 230 and thus all students are aware of climate change

Conclusion:

- All of the students are aware of climate change.
- Kids mostly learned about climate change from school.
- "More extreme weather" is the most common severe effect of climate change.
- 60% of the students are making changes to their lifestyle because of climate change.
- The knowledge of climate change increased in grades 5 and 6 compared to grades 3 and 4.