

The way students learn math  
with technology.

New Mexico Supercomputing  
Challenge

team number 112

Picacho Middle School.

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## Summary

We have been researching our topic for about eight months now. Our topic is “How is Technology Affecting the Way Students learn Math?” We interviewed students from Picacho Middle School and some teachers. We googled and researched as much as

we could. at end, we found that most of the people we asked do think technology affects the way students learn math, than the people who think technology does not affect the way students learn math.

### Acknowledgment

We would like to acknowledge Mrs.Kindig, and Mrs.Stout, for helping us complete our project. We would also like to acknowledge all of our parents for taking the time, and helping us with the research we needed.We would also like to say thank you to you for taking you time and helping us, and supercomputer challenge for giving us this opportunity to research and do this project.

### Result Based on Study

The results we got based on our study was that most of the people we asked think that technology does affect the way students learn math. The percent of people who think technology does affect the way students learn math. We also found that most people can't decide if technology helps in a good way or bad way, So it also depends what you are doing or what you are working on.

### References

Our references where the students at Picacho Middle School, who participated by letting us survey them so we could find our results. We also got alot of our information

from Mr.Spencer's advisory class. We got info from our family and teachers. As well as these website

<http://Teachhub.com>, <http://Biztech.com>  
<http://Magazine.com>, and <http://Ct4me.net>.

### Conclusion

We found that 67% of students do think that technology does affect the way we learn, and 33% of students do think that technology does affect the way students learn math. We think that technology does affect the way students learn because, if you do a test for example on a computer, you can't show your work so the teacher does not know what you need work on or where the student messed up. Another thing is that Students know in day just text all day so you get the habitat of using words

such as cuz,2,r,u,and 4 instead of writing them out like Because,Two,Are,You, and Four. This affects the students because when writing out a math problem they use the abbreviations when you write the math problem out. However there is alot of educative apps and websites that help students learn and take classes, in math and other subjects.In conclusion we think technology is affecting us the same way its helping us.

### Our Model

Our model is about how technology is affecting the way students learn math. We will be showing this by using star logo. We will create a program on star logo where they will be students and technology. When the technology touches the students it will affect a certain percent, but it will also not affect a certain percentage. We are doing this so we can visually see how much technology is affecting us.

### Method used to solve the problem

As a team we worked to get our data. we went around our school we asked 100 students and 10 teachers. Our team added all the data in a percentage. The percent that said yes was 67% they thought this because they use it for research, powerpoints, ect. the student that said no is 33%, they said no because it didn't help said this because it dosnt work or they can't show their work and they don't know what you did wrong or what they need to fix.

## Problem Statement

Have you ever wondered if technology is helping us or is it just making our learning worse? Well we are here to tell you if it is helping us in math or not. Our purpose is to see a little beyond just the good things of technology and see the bad things of it as well. A really big subject in life is math, because its a everyday life thing to do. as technology has advanced we use it to do math. We went from having a calculator to having apps to help us solve problems involved in math. My question to you is do you think technology affects the way students learn? Well it does in many ways. Our purpose is to prove that technology is not only helping us but is also affecting us.