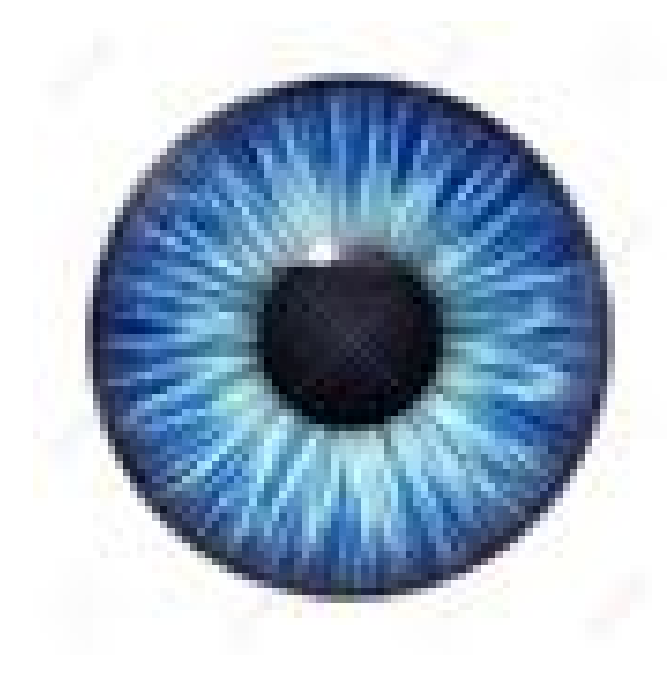


EYE CAN SEE THIS

QUESTION: Does Age affect Vision

By Rudy Poselli and Luca Mastrogiannis



HYPOTHESIS:

Our hypothesis is that younger kids can see better because younger kids can hear better than most ages, so in theory could vision have the same effect?

PROCESS:

We randomly selected students from different classes to partake in a distance-based visual test, (test is holding a sign from a distance and then moving from 5 metres to 10 metres and so on, then switching the sign for each distance) to see if age causes sight differentials. The test will be different signs with a different combination of letters.

STRUGGLES:

While we were doing this experiment, we came across some struggles along the way. Our first struggle was that we originally were going to have words instead of letters because it would've become a reading test instead of an eyesight test. Another struggle that we had was that we had to take two extra kids from another class because a teacher didn't want us to interrupt her class.

CONCLUSION:

In conclusion, we predicted that younger students (ages 5-8) could complete the 20m mark more times than older students (ages 9-12) (see left graph). We predicted correctly as the younger students completed the 20m mark 1 more time than the older students could. We also found that if students completed the 15m mark they most likely completed the 20m mark.

