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Measuring The Speed Of Light Through Jell-O

In my experiment the purpose is to measure the speed of light using an inexpensive laser through different colored mediums. To start the experiment first you have to make the jell-o and put in the refrigerator. Next you have to set up the laser and point it at a predetermined spot. Then you have to use the protractor to measure 2 different refraction angles. After that you put them into the Snell's Law equation. Then you have to record the speed of light and interpret the data into graphs. The data I collected proved my hypothesis of that the laser would travel faster through the red jell-o and orange jell-o. The red refracted at a smaller angle than the rest of the other jelled colors. In conclusion light can travel different speeds through different mediums. In this experiment I experienced a lot. I had learned that math is a corner stone of science. I also learned that you can use inexpensive materials to do a lot of diverse science projects. I enjoyed a lot of things in this experiment. One was I got to play with lasers and shine them on peoples foreheads. The only problem I had was that you could hardly see the laser through the green and blue jell-o. I fixed that by elevating the laser to see it better. In this experiment, a dramatic thing happened with the red jell-o I would shine the laser in and it would create a prism effect as the laser bounced off the container.