



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

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Project Title Comprende?	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals The objective of this project was to determine the most efficient learning method of grades 1, 4, 7, and 9. This can assist teachers in incorporating the abilities of their students into their curriculum. In knowing their students' best ways to learn, they can teach using that specific method according to their capability. For example, the first grade students are shown to have excelled in reading comprehension. Therefore, the teacher can now know that she may challenge the students with a slightly higher level.</p> <p>Methods/Materials Classes of 1st graders, 4th graders, 7th graders, and 9th graders were taught three different ways. They had to read a passage, look at a picture, and lastly, listen to a speech that was read off a previously written passage. They, then, were given tests appropriate to the subject they learned about after each method of learning. The tests were graded from a key and averaged.</p> <p>Results Overall, auditory proved to be the most efficient method of learning. The 1st grade averaged 97.5% on the auditory. The 4th grade averaged 84% on auditory. The 7th grade averaged 75% on auditory. Lastly, the 9th graders averaged 84% on auditory.</p> <p>Conclusions/Discussion In conclusion of this project, the hypothesis was proven incorrect. The hypothesis stated that students would perform better on the visual test. Auditory learning proved to be the most efficient method of learning for all students. Therefore, the students perform best on tests given after a lecture rather than learning and deducing information themselves. This conclusion shows that if teachers do the teaching then students learn and perform better.</p>	
Summary Statement This project determined the most efficient learning method, whether it be visual, auditory, or reading comprehension.	
Help Received All teachers helped keep their classes under control and to encourage participation.	