



CALIFORNIA SCIENCE & ENGINEERING FAIR 2019 PROJECT SUMMARY

Name(s) Hamza Dajani	Project Number J0704
Project Title Reading, Focus, and the Elderly	
<p style="text-align: center;">Abstract</p> <p>Objectives my goal for his project is to see if rading can help the elderly brain with its declining cognitive ability</p> <p>Methods Prepare the cognition tests, which is called the sage cognition test, a brief cognitive screening test made up of 12 questions to test elderly focus and cognitive ability. The test has questions on how to copy geometrical figures , a question to name two pictures of objects existing in the daily life of humans, few mathematical questions, fill in the blank questions like writing down the names of animals, tracing a line from one point to another and fill in the blanks questions like identifying if the participant is a male or a female and how many years of education the elderly had. The test will be done with a pen and no clocks or calendars are allowed where the test is being performed. Find groups of elders that read and that do not read between the ages of 65-75 years old. The test will be performed on 7 elderly readers and 7 elderly nonreaders. Review the tests for the elderly participants and grade the tests according to the sage scoring scheme which has a maximum score of 21 points . The scheme can help identify the elderly focus and cognitive ability. Any score below 14 points is considered on the low end of the scheme and classifies the focus of that particular elderly person who took the test as having a focus and cognitive ability below average. Compare the results of all the elderly participants. Collect and record data in log books.</p> <p>Results the elderly people that read got an average score of 19.3 but the elderly people that do not read averaged a score of 15.3.</p> <p>Conclusions so, in the end elderly people that read got higer test scores than elderly people that do not read and thus having better cognitive ability than elders that do not read.</p>	
Summary Statement elderly people that read and elderly people that do not read take the sage cognition test o see who has better cognitive ability.	
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