



**CALIFORNIA STATE SCIENCE FAIR  
2010 PROJECT SUMMARY**

<b>Name(s)</b> <b>Mifrah Hayath</b>	<b>Project Number</b> <b>J0612</b>
<b>Project Title</b> <b>Cna Yuo Raed Tihs?</b>	
<b>Abstract</b> <b>Objectives/Goals</b> To prove or disprove the hypothesis that the human mind does not read every letter by itself but the word as a whole. Hypothesis to be proven if at least 50% of the people surveyed read at least 50% of the words in which only the first and last letters are in place and the remaining letters are jumbled up. <b>Methods/Materials</b> Survey 100 males and females randomly in public places. Have them read 5 jumbled words separately first then together with 55 more such words within a paragraph. Give a negative point for each incorrectly read word. Calculate percentage of people and percentage of words they read correctly to arrive at results. Materials used include survey forms, copies of paragraph, writing boards and pencils. <b>Results</b> 79% people read at least 60% of words correctly. 19% read jumbled words given separately and 44% read jumbled words given in a paragraph with 100% accuracy. 158 wrong answers given when jumbled words read separately but only 8 wrong answers given when read within the paragraph. Females, under 20 years of age, with high school education, living in Moreno Valley and speaking English at home scored best in the survey. 83.33% females versus 73.91% males read 50% or more words correctly on the survey. <b>Conclusions/Discussion</b> Hypothesis proven that the human mind does not read every letter by itself but the word as a whole. Also concluded that it is easier to read jumbled words within a paragraph than separately. Profile of a person who is likely to read jumbled words better is a female, under 20 years of age, with high school level of education, who lives in Moreno Valley and whose primary language spoken at home is English. Lastly, it was concluded that females are better at reading jumbled words than males.	
<b>Summary Statement</b> My project is about the ability of the human mind to read words as a whole and not every letter by itself.	
<b>Help Received</b> Received help from Dad who taught me enough Excel in Vista to enable me to make the graphs.	