



**CALIFORNIA STATE SCIENCE FAIR
2014 PROJECT SUMMARY**

Name(s) Carolyne J. Ikeda	Project Number J0715
Project Title The Great Reading Mystery: Was It the Book or Was It the Tablet?	
Abstract Objectives/Goals The purpose of the experiment was to determine if there was a difference in reading comprehension from a book to a tablet. I hypothesized that the subjects would have better reading comprehension after reading from a book. Methods/Materials Informed Consent forms were collected from 17 subjects. Each read a reading selection from a book and from a Kindle. A multiple choice test for each selection was given. After the experiment, subjects were asked for their device preference; book or Kindle. The materials include; The Giver, Lois Lowery, multiple choice tests on Chapter 1 and 6 with 4 questions each, a Kindle Paperwhite, Bic Round Stic blue and red pens, an Apple Desktop Computer, a HP Photosmart 7525 Printer, Xerox Premium Purpose Paper, a Tanita Yellow Timer, a Daiso Japan D-97 notebook, and 17 subjects. Results The average test scores from the book were 1.67% higher than the test scores from the tablet. The majority of the subjects (71%) preferred to read from a book. Conclusions/Discussion The conclusion supports the hypothesis; subjects have better reading comprehension after reading from books. Although the difference between the two test scores was small the subjects scored on average higher after reading from a book.	
Summary Statement The experiment was designed to determine if comprehension is different if a subject reads from a book or a tablet.	
Help Received Mother helped type report; Father gave advice; english teacher helped edit; under supervision of science teacher; little sister helped organize subjects	