



**CALIFORNIA STATE SCIENCE FAIR  
2015 PROJECT SUMMARY**

<b>Name(s)</b> Gabriella M. Guinn	<b>Project Number</b>  35457
<b>Project Title</b> Horse Sense	
<b>Abstract</b> <b>Objectives/Goals</b> The objective of the project was to try to determine which horse breed is the easiest to train. The hypothesis was that the Arabian horse breed is the smartest of all the horse breeds, therefore, it will learn and react the quickest. <b>Methods/Materials</b> Empty red buckets were placed in seven different horse stalls for one week. After one week, horses of different breeds were trained by ringing a bell to go to the red bucket in their stall which now had carrots in it. This was repeated five times. By using the same bell used in training, the horses were then tested to see how quickly the horses reacted to the bell and went to the red bucket. Each test was timed for each horse. These tests were done at different times of the day and on different days. Data was collected and analyzed. <b>Results</b> Different breeds of horses were used in the tests. The result of the tests showed that the Dutch Warmblood horse breed reacted the quickest. <b>Conclusions/Discussion</b> My hypothesis was incorrect. I believed that the Arabian horse breed was the smartest and would react the quickest to the training; however, the data showed that the Dutch Warmblood horse breed was the quickest and most trainable.	
<b>Summary Statement</b> My project was to test which horse breed reacted the quickest to training.	
<b>Help Received</b> My dad helped me put carrots in the buckets and time the results.	