



**CALIFORNIA STATE SCIENCE FAIR  
2015 PROJECT SUMMARY**

<b>Name(s)</b> <b>Jasmine N. Ramirez</b>	<b>Project Number</b>  35689
<b>Project Title</b> <b>The Spacing Need for Domino Speed</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective of my project is to determine how distance between falling dominoes affects the speed of their fall.</p> <p><b>Methods/Materials</b> I used domino tiles, a measuring tape, a ruler, a stopwatch, and a piece of lumber to test my hypothesis. I measured the time it took domino tiles to fall down at six different spacing distances.</p> <p><b>Results</b> The findings for the relationship of spacing and speed were mixed. When the spacing between dominoes was increased, the falling speed of the tiles decreased during three trials. But, the speed also increased during two of the trials.</p> <p><b>Conclusions/Discussion</b> My conclusion is that if I want to understand the best spacing for a falling domino to have the greatest effect on the next tile in a row of dominoes, I need to take a closer look at how "force" (an action that changes or maintains the motion of an object) can be measured.</p>	
<b>Summary Statement</b> My project is about domino distance and speed.	
<b>Help Received</b> My father helped me to line up the dominoes and measure the time the dominoes fell. My mother helped me to understand how I could show my data in the form of a table or chart.	