



**CALIFORNIA STATE SCIENCE FAIR  
2014 PROJECT SUMMARY**

<b>Name(s)</b> Nelson Chandler; Aaron Levins; Austin Moss-Ennis	<b>Project Number</b> <b>S2203</b>
<b>Project Title</b> <b>The Effect of Magnetism on Planaria Regeneration</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective of the experiment is to determine if magnets have an effect on the regeneration of planaria.</p> <p><b>Methods/Materials</b> Groups of thirty, fifty-four, and sixty planaria were gathered, separated into six groups, and twenty of them were bisected.</p> <p><b>Results</b> The stronger the magnet strength, the slower the bisected planaria grew.</p> <p><b>Conclusions/Discussion</b> Magnet strength did not affect the non-bisected planaria; however, the non-magnetized group of non-bisected planaria in the first trial had offspring whereas the magnetized group did not. In conclusion, magnets have a negative effect on the regeneration of planaria.</p>	
<b>Summary Statement</b> To test the legitimacy of magnet therapy through planaria, a test that resulted in negative effects.	
<b>Help Received</b> Cousin cut sheet metal into squares; Mother helped with board set up.	