



California Science Center
CALIFORNIA STATE SCIENCE FAIR
2001 PROJECT SUMMARY

Your Name (List all student names if multiple authors.) Braden N. Schaidt	Science Fair Use Only <h1 style="margin: 0;">J1031</h1>
Project Title (Limit: 120 characters. Those beyond 120 will be ignored. See pg. 9) Killer Carpet Cleaner	Division <input checked="" type="checkbox"/> Junior (6-8) <input type="checkbox"/> Senior (9-12)
Preferred Category (See page 5 for descriptions.) 10 - Materials Science	
Abstract (Include Objective, Methods, Results, Conclusion. See samples on page 14.) Use no attachments. Only text inside these boxes will be used for category assignment or given to your judges.	
<p>Objective: The objective of this experiment is to determine which brand of carpet cleaner removes stains the best.</p> <p>Materials and Methods: I tested three brands of carpet cleaners: Resolve, Spot Shot, and Folex by staining new carpet with coffee, grape jelly, and ketchup. For my experiment I used 2 - 3 x 3 foot pieces of carpet, and 1 - 18" x 24" piece of carpet (for display) divided into 9 sections with masking tape. I then followed the manufacturer's instructions on each of the cleaners. I ran the experiment three times each. I gave three points for the cleanest, two points for the next, and 1 point for the least clean. I added the scores to determine which scored the highest.</p> <p>Results: My results supported my hypothesis based on the three trials I did by showing Spot Shot did remove the stains the best based on appearance. Resolve and Folex both left stain residue on the carpet.</p> <p>Conclusion: My conclusion is that Spot Shot is the most effective stain remover. It was also the least expensive, which just goes to show the most expensive is not always better. The information gained in this experiment may be used to help consumers save money by buying the most effective cleaner. If I were to conduct this project again I would try different types of carpet made of different fibers to see if it had the same effect. I would also try different stains such as lipstick, mud, or soda.</p>	
Summary Statement (In one sentence, state what your project is about.) The purpose of this experiment was to determine which brand of carpet cleaner works most effectively to remove stains.	
Help Received in Doing Project (e.g. Mother helped type report; Neighbor helped wire board; Used lab equipment at university X under the supervision of Dr. Y; Participant in NSF Young Scholars Program) See Display Regulation #8 on page 4. Mother cut paper on paper cutter and helped lay out backboard; Dad cut carpet squares and supervised experiments; brother helped with graph on computer.	