



**CALIFORNIA STATE SCIENCE FAIR
2010 PROJECT SUMMARY**

Name(s) Manreet K. Dosanjh	Project Number J0307
Project Title Determining If Childproof Containers Are Really Childproof	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals The objective of this project is to determine if childproof containers are really safe from children. Are children safe from childproof containers at their own house.</p> <p>Methods/Materials Chose four different childproof containers, Ibuprofen, Dayquil, Tylenol, Cephalexin. Clean out each container to make sure there are no toxins inside. Obtain thirty kids from each age two through seven and test each one. Give a group of four kids different childproof containers and observe each kid to see if they could open it themselves with no instructions. Obtain a timer and give one minute to open each container. Record the results and repeat the process for each group.</p> <p>Results All containers were childproof for two year old children. Two three year old kids opened the containers. At age four, six kids were able to open the containers. Twenty-one kids opened the containers at age five. Thirty-nine kids opened the containers at age six. At age seven, forty-two kids were able to open the containers. Most containers are not safe for kids three year olds to seven year olds.</p> <p>Conclusions/Discussion My conclusion is that most childproof containers are not safe from children. Parents who have kids around the ages three to seven should make sure that their kids don't go through the medicine cabinet. Also, parents should keep children away from harmful products because they can cause danger to kids. Kids can be in danger at their own house.</p>	
Summary Statement I am going to determine which child proof caps are really childproof, and at what age are children more likely to be able to open them.	
Help Received teacher taught scientific method. helped get supplies. used a preschool to test children	