

CALIFORNIA STATE SCIENCE FAIR 2012 PROJECT SUMMARY

Name(s)	Project Number
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	50520
Project Title	1
Egg Drop	
Abstract	
Objectives/Goals	
The experiment was to see if it was possible to make a container that can preve when dropped from about 15 feet above the ground. This container will be call Protector). If the right design was used, the raw egg should not crack when it h can also be tested to see if different materials affect the performance.	led an R.E.P. (Raw Egg
Methods/Materials After planning a design, the R.E.P. was built using a shoebox, cardboard, tape, was put in and then dropped from about 15 feet above the ground. The R.E.P. egg didn't crack. When the egg cracked, the R.E.P. was adjusted to fix the prol crack, the R.E.P. was tested 3 times to make sure it worked. The R.E.P. was fr This process was repeated with bubble wrap, sponge, and shredded plastic whit as the cushioning materials.	was checked to see if the blem. When the egg didn't rst tested with cotton balls.
Results The first 4 times the R.E.P. was dropped were unsuccessful. The egg cracked t wasn't put in the R.E.P. for the next 3 tries. After every try, the R.E.P. was adj On the last 3 tries, the egg didn't crack. The egg still didn't crack when the cust replaced and tested 3 times each. Conclusions/Discussion	usted to fix the problem.
The results of this experiment support the hypothesis. It is possible to make a craw egg from cracking when dropped from about 15 feet above the ground. Al materials worked successfully.	
Summary Statement	
My project is about placing a raw egg in a container to protect it from cracking feet above the ground.	when dropped from 15
Help Received	
My mom helped me by providing the materials for my experiment. My dad he explaining the math equations to me.	lped by finding and