

CALIFORNIA SCIENCE & ENGINEERING FAIR 2019 PROJECT SUMMARY

Name(s)	Project Number
Parker Harris	J0315
Project Title	I
Protective Barrier for Classrooms	
Abstract	
 Objectives The objective was to create a bulletproof collapsible wall incident of an active shooter in a classroom setting at a so Methods I made a panel out of various materials to see if it could settials per gun on the material I engineered. I have also de faculty. 	chool. stop a bullet. I did a test with four guns and five
Results The concept of the foldable wall was applicable. The mat- bullets was a success because the material was able to tak Conclusions The protective barrier for classrooms was able to be appl engineered was a success due to it stopped the impact of	the impact of the various bullets.
Summary Statement	
I engineered a collapsible wall that could pull across a cla a case of an active shooter.	assroom to protect students from rouge bullets in
Help Received	
A 10 year shooter veteran and a USPSA hand gun compe	titive shooter carried out the part of my

A 10 year shooter veteran and a USPSA hand gun competitive shooter carried out the part of my experiment that involved shooting, my teacher educated me in the scientific method, and my Dad provided additional help in my project.