CALIFORNIA STATE SCIENCE FAIR
2015 PROJECT SUMMARY

Name(s)

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Project Number

35789

Project Title

Slow Your Roll!

Abstract

Objectives/Goals

The goal of this experiment was to see which positive distraction, on or near a local neighborhood street, caused the the greatest number of vehicles to to obey the law, by maintaining the 25 mile per hour speed limit. By doing this test, state officials have a source to look at to see what positive distraction(s) to place throughout neighborhood streets, that will actually have an affect on drivers.

Methods/Materials

To procede in this experiment, one must have a radar gun, official looking person, children at play sign, and a speed bump. The radar gun measures how fast on object, such as a car, is traveling. The other three essential materials, are the positive distractions being tested.

Results

The positive distraction that caused the greatest number of vehicles to maintain the speed limit, was the speed bump on the street. Forty out of sixty cars monitored, maintained the 25 mile per hour speed limit.

Conclusions/Discussion

State officials now have a source to look at to see which positive distraction has the greatest affect on drivers. They do not have to spend thier money placing distractions into neighborhoods that have no affect on drivers, Instead, they can take and utilize these results to determine what to place into neighborhoods similar to the one that was tested.

Summary Statement

The goal of this experiment was to see which positive distraction, on or near a local neighborhood street, caused the the greatest number of vehicles to to obey the law, by maintaining the 25 mile per hour speed limit.

Help Received

Mother assisted with board; Aunt helped with graphs; Cousin helped in finding title.

Preliminary