

Requirement 1

_____ a. Explain and answer questions about the seriousness and the size (how big of a problem is it?) of the street and highway traffic safety problem in the United States, California and in our community:

_____ United States

_____ California

_____ Community (Ranch Penasquitos)

_____ b1. Prepare scrapbook containing 10 newspaper articles about serious traffic crashes.

_____ b2. Next to the article in the scrapbook, list what driving and/or safety rules were violated and state how the crashes may have been prevented.

_____ b3. Next to the article in the scrapbook, give one other cause that which might have contributed to each crash.

_____ c. Tell why driving while impaired by alcohol or other drugs is such an important problem.

_____ d. Explain how highway designs, road conditions, and roadside hazards relate to the occurrences and seriousness of traffic crashes.

Requirement 2

_____ Describe two safety programs designed to control and reduce the serious effects of the highway traffic safety program.

_____ Safety Program #1 _____

_____ Safety Program #2 _____

Requirement 3

_____ a. List 10 automotive features that reduce the seriousness of injuries when crashes occur:

- | | |
|----------|-----------|
| 1. _____ | 2. _____ |
| 3. _____ | 4. _____ |
| 5. _____ | 6. _____ |
| 7. _____ | 8. _____ |
| 9. _____ | 10. _____ |

_____ b. Tell why safety features are important when buying a car. _____

_____ c. Demonstrate how to adjust lap and shoulder belts. Explain why it is important to wear them at all times.

Requirement 4

Do the following (provided it is approved by a parent, you may use your family car and the assistance of an adult) to show your knowledge of care for safety maintenance:

- _____ a. Check operation of all exterior lights.
- _____ b. Check operations of all interior lights.
- _____ c. Locate a fuse or circuit breaker on the light or horn circuit
- _____ d. Check windshield wiper blade and smear-and-clear test. Replace the blade, if needed, and retest.
- _____ e. Check tires for wear and proper inflation.

Requirement 5

Do the following:

_____ a. In a location away from traffic hazards, measure with a tape measure--not in a car--and mark off with stakes or cones the distance that a car may travel during the time needed for decision and reaction, and the braking distance necessary to stop a car traveling 30, 45, and 70 miles an hour on dry pavement. Discuss additional allowances that bad weather and road conditions would require.

_____ Bad weather allowances? _____

_____ Bad road conditions? _____

_____ b. Using a bicycle, demonstrate four safe practices common to bicycle and automobile driving.

_____ 1. _____
_____ 2. _____
_____ 3. _____
_____ 4. _____

_____ c. Using a chart of new international traffic signs and control devices, explain the meaning of each

_____ d. Demonstrate the visibility at night between a bicycle and rider properly lighted and marked with a reflectorized material and a bicycle and rider at night with dark clothing and an unlighted bicycle

Requirement 6

6. Do **ONE** of the following:

_____ a. Observe, study, and prepare a report on one important community activity for traffic safety.

_____ b. Report on a traffic safety project in which you participated with your troop or school.

_____ c. Report on an individual project that you carried out in promoting traffic safety.

TRAFFIC SAFETY MERIT BADGE HELPFULS

1. Provided is a checklist to help you along the way in getting this merit badge. This will keep you on track and it is a place to take notes.
2. Also provided are Internet Links to help you. This is to help those that love to surf the net. If you do not own a computer the library has free access.
3. There will be very little report writing (unless you want to!) Mostly we will have demonstrations and oral reports to the group or me. Hopefully we can complete everything at scout meetings but if we have an off-site meeting it works best if you bring other scouts along so we can all get the benefit.

Requirement 1

1. Want to know if there are local problems with traffic? Ask your mom or dad, they'll tell ya. Stop by a police station and ask them
2. Your scrapbook can go back a few years and it can also be magazines or computer downloads.

Requirement 2

1. Here is a list of traffic safety programs you may wish to look into:

Car seats and booster seats
Child passenger safety fitting stations
Distracted drivers
Enforcing underage drinking laws
Engineering and Enforcement evaluations for cities and counties
Felony DUI Warrant Patrol
Grassroots Programs in Youth DUI Prevention
Insurance Fraud - Staged Collisions
Photo Enforcement of Red Light Running
School-age Outreach for Bike Pedestrian Safety
Crosswalk School Guards
MADD

Requirement 3

1. Look at your parent's owner's manual and list the safety features of the family car.
2. Stop in a car dealership and look at the cars and their safety features listed. Ask for a brochure that might have some safety features.

Requirement 4

1. We can use a car in the school lot but in this case it may benefit you and your family to do all these checks. Ask an adult to help and when checking tires remember that escaped air can blow dirt and dust into your eyes, so caution is in order.

Requirement 5

1. We will have to do this in the school lot during one of our scout meetings.
2. Look into the owner's manual about road conditions and stopping power, there may be some good information there.
3. If you ride a bike at night you are required to have a light and you need to have some reflective material. Plan to bring in what you got in the line of reflective material and we will go out into the school lot to see how good it works.

Requirement 6

1. I'm hoping requirement 6b will be completed if you attending the 24 April meeting. We are to have the CHP give a talk and demonstration about traffic safety. All I will need from you is what you thought of it and what you got out of it.
2. I also have a video on Teen drinking that you may want to use as a project to show to a group.
3. Of course, a written report is always welcomed but.... I understand about writing reports.