



Scoutmaster Bucky TRAFFIC SAFETY Merit Badge Workbook

This Workbook has been developed to help aid in organizing notes and references while working on the Traffic Safety Merit Badge Requirements.

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SCOUT'S INFORMATION	MERIT BADGE COUNSELOR INFORMATION
Name _____ Phone _____ Organization _____	Name _____ Address _____ City State Zip _____ Phone _____ Mobile _____ Email _____
WORKBOOK INFORMATION	
Scoutmaster Bucky Workbook based off of <i>Boy Scout Requirements – 2011 Edition</i> Visit www.ScoutmasterBucky.com for more information.	

REQUIREMENT 1A: DESCRIBE THE TOP 10 MISTAKES NEW DRIVERS FREQUENTLY MAKE.

Mistake 1	Mistake 2	Mistake 3	Mistake 4	Mistake 5
Mistake 6	Mistake 7	Mistake 8	Mistake 9	Mistake 10



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REQUIREMENT 1A: NAME THE TWO ITEMS YOU ARE REQUIRED BY LAW TO CARRY WITH YOU WHENEVER YOU OPERATE A MOTOR VEHICLE.

Item #1:

Item #2:

REQUIREMENT 1B: DESCRIBE HOW ALCOHOL AND OTHER DRUGS AFFECT THE HUMAN BODY AND WHY A PERSON SHOULD NEVER DRINK AND DRIVE, OR DRIVE WHILE UNDER THE INFLUENCE OF ANY MIND-ALTERING SUBSTANCES INCLUDING PRESCRIPTION DRUGS, COLD MEDICATIONS, AND ILLICIT DRUGS.

Notes:



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REQUIREMENT 1B: FOR THE STATE WHERE YOU LIVE, FIND OUT WHAT IS THE LEGAL BLOOD ALCOHOL CONCENTRATION AND THE CONSEQUENCES FOR DRIVING WHILE INTOXICATED OR DRIVING UNDER THE INFLUENCE.

State:

Blood Alcohol Concentration Limit:

Notes:

REQUIREMENT 1B: FIND OUT WHAT THE OPEN-CONTAINER LAW IS IN YOUR STATE

State:

Notes:



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REQUIREMENT 1C: DESCRIBE AT LEAST FOUR FACTORS TO BE CONSIDERED IN THE DESIGN OF A ROAD OR HIGHWAY.

Design Consideration #1: _____

Design Consideration #2: _____

Design Consideration #3: _____

Design Consideration #4: _____

REQUIREMENT 1C: EXPLAIN HOW ROADSIDE HAZARDS AND ROAD CONDITIONS CONTRIBUTE TO THE OCCURRENCE AND SERIOUSNESS OF TRAFFIC CRASHES.

Notes:

REQUIREMENT 1D: EXPLAIN WHY A DRIVER WHO IS FATIGUED OR DISTRACTED SHOULD NOT OPERATE A MOTOR VEHICLE.

Notes:



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REQUIREMENT 1D: LIST FIVE COMMON DISTRACTIONS,...

Distraction 1	Distraction 2	Distraction 3	Distraction 4	Distraction 5

REQUIREMENT 1D: ...EXPLAIN HOW DRIVER DISTRACTIONS CONTRIBUTE TO TRAFFIC ACCIDENTS,...

Notes:

REQUIREMENT 1D: ...AND TELL HOW DRIVERS CAN MINIMIZE DISTRACTIONS.

Notes:



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REQUIREMENT 1D: DESCRIBE HOW VOLUNTEER DRIVERS CAN PLAN TO BE ALERT WHEN TRANSPORTING SCOUTING PARTICIPANTS.

Notes:

REQUIREMENT 2A: DEMONSTRATE HOW TO PROPERLY WEAR A LAP OR SHOULDER BELT.

Notes:



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REQUIREMENT 2A: EXPLAIN WHY IT IS IMPORTANT FOR DRIVERS AND PASSENGERS TO WEAR SAFETY BELTS AT ALL TIMES.

Notes:

REQUIREMENT 2B: LIST FIVE SAFETY FEATURES FOUND IN MOTOR VEHICLES BESIDES OCCUPANT RESTRAINT SYSTEMS. DESCRIBE EACH SAFETY FEATURE, HOW EACH WORKS, AND HOW EACH CONTRIBUTES TO SAFETY.

Safety Feature 1:

Description:

How it works:

How it contributes to safety:



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Safety Feature 2:

Description:

How it works:

How it contributes to safety:

Safety Feature 3:

Description:

How it works:

How it contributes to safety:



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Safety Feature 4:

Description:

How it works:

How it contributes to safety:

Safety Feature 5:

Description:

How it works:

How it contributes to safety:



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REQUIREMENT 3A: USING YOUR FAMILY CAR OR ANOTHER VEHICLE, DEMONSTRATE THAT ALL LIGHTS AND LIGHTING SYSTEMS IN THE VEHICLE ARE WORKING.

Notes:

REQUIREMENT 3A: DESCRIBE THE FUNCTION AND EXPLAIN WHY EACH TYPE OF LIGHT IS IMPORTANT TO SAFE DRIVING.

Light Type:

Function:

Importance:

Light Type:

Function:

Importance:



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Light Type:

Function:

Importance:

Light Type:

Function:

Importance:

Light Type:

Function:

Importance:



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REQUIREMENT 3B: USING YOUR FAMILY CAR OR ANOTHER VEHICLE, DEMONSTRATE HOW TO CHECK TIRE PRESSURE AND IDENTIFY THE CORRECT TIRE PRESSURE FOR THE VEHICLE.

Notes:

REQUIREMENT 3B: EXPLAIN WHY PROPER TIRE PRESSURE IS IMPORTANT TO SAFE DRIVING.

Notes:



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REQUIREMENT 3C: DEMONSTRATE A METHOD TO CHECK FOR ADEQUATE TIRE TREAD.

Notes:

REQUIREMENT 3C: EXPLAIN WHY PROPER TIRE TREAD IS IMPORTANT TO SAFE DRIVING.

Notes:



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REQUIREMENT 3D: DEMONSTRATE WITH A SMEAR-AND-CLEAR TEST IF THE WINDSHIELD WIPER BLADES WILL CLEAR THE WINDSHIELD COMPLETELY OR NEED TO BE REPLACED.

Notes:

REQUIREMENT 3D: DESCRIBE INSTANCES IN GOOD AND BAD WEATHER WHEN WINDSHIELD WASHERS ARE IMPORTANT TO SAFE DRIVING.

Notes:



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REQUIREMENT 4A:

IN A LOCATION AWAY FROM TRAFFIC HAZARDS, MEASURE WITH A TAPE MEASURE – NOT IN A CAR – AND MARK OFF WITH STAKES THE DISTANCE THAT A CAR WILL TRAVEL DURING THE TIME NEEDED FOR DECISION AND REACTION, AND THE BRAKING DISTANCES NECESSARY TO STOP A CAR TRAVELLING 30, 50, AND 70 MILES PER HOUR ON DRY, LEVEL PAVEMENT.

Notes:

REQUIREMENT 4A:

DISCUSS HOW ENVIRONMENTAL FACTORS SUCH AS BAD WEATHER AND ROAD CONDITIONS WILL AFFECT THE DISTANCE.

Notes:



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REQUIREMENT 4B:

DEMONSTRATE THE DIFFERENCE IN NIGHTTIME VISIBILITY BETWEEN A PROPERLY LIT BICYCLE AND RIDER (OR A PEDESTRIAN) WEARING REFLECTIVE MATERIAL AND A BICYCLE AND RIDER WITH NO LIGHTS (OR A PEDESTRIAN) DRESSED IN DARK CLOTHING, WITHOUT REFLECTIVE MATERIAL.

Notes:

REQUIREMENT 4C:

EXPLAIN HOW COLOR AND SHAPE ARE USED TO HELP ROAD USERS RECOGNIZE AND UNDERSTAND THE INFORMATION PRESENTED ON TRAFFIC AND ROADWAY SIGNS.

Notes:



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REQUIREMENT 4C: EXPLAIN THE PURPOSE OF DIFFERENT TYPES OF SIGNS, SIGNALS, AND PAVEMENT MARKINGS.

Notes:

REQUIREMENT 4D: DESCRIBE AT LEAST THREE EXAMPLES OF TRAFFIC LAWS THAT APPLY TO DRIVERS OF MOTOR VEHICLES AND THAT BICYCLISTS MUST ALSO OBEY.

Traffic Law #1:

Traffic Law #2:

Traffic Law #3:



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DO ONE OF THE FOLLOWING (5A, 5B, 5C, OR 5D) IN REQUIREMENT 5

REQUIREMENT 5A: INTERVIEW A TRAFFIC LAW ENFORCEMENT OFFICER IN YOUR COMMUNITY TO IDENTIFY WHAT THREE TRAFFIC SAFETY PROBLEMS THE OFFICER IS MOST CONCERNED ABOUT. DISCUSS WITH YOUR MERIT BADGE COUNSELOR POSSIBLE WAYS TO SOLVE ONE OF THOSE PROBLEMS.

Notes:



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REQUIREMENT 5B: USING THE INTERNET (WITH YOUR PARENT'S PERMISSION), VISIT FIVE WEB SITES THAT COVER SAFE DRIVING FOR TEENAGERS. AS A GROUP, DISCUSS WHAT YOU LEARN WITH YOUR COUNSELOR AND AT LEAST THREE OTHER TEENAGERS.

Website #1: _____

Website #2: _____

Website #3: _____

Website #4: _____

Website #5: _____

Notes:



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REQUIREMENT 5C: INITIATE AND ORGANIZE AN ACTIVITY OR EVENT TO DEMONSTRATE THE IMPORTANCE OF TRAFFIC SAFETY.

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REQUIREMENT 5D:

ACCOMPANIED BY AN ADULT AND A BUDDY, PICK A SAFE PLACE TO OBSERVE TRAFFIC AT A CONTROLLED INTERSECTION (TRAFFIC SIGNAL OR STOP SIGN) ON THREE SEPARATE DAYS AT THREE DIFFERENT TIMES OF THE DAY, FOR 30 MINUTES ON EACH VISIT. AT THIS INTERSECTION, SURVEY (1) SUCH VIOLATIONS AS RUNNING A RED LIGHT OR STOP SIGN; OR (2) SEAT BELT USAGE. COUNT THE NUMBER OF VIOLATIONS OR NUMBER OF DRIVERS NOT WEARING A SEAT BELT. RECORD IN GENERAL TERMS IF THE DRIVER WAS YOUNG OR OLD, MALE OR FEMALE. KEEP TRACK OF THE TOTAL NUMBER OF VEHICLES OBSERVED SO THAT YOU CAN DETERMINE THE PERCENTAGE OF COMPLIANCE VS. VIOLATIONS. DISCUSS THE FINDINGS WITH YOUR MERIT BADGE COUNSELOR.

Intersection Location Description:

Day 1 Tally Sheet:

Running Red Light/Stop Sign	Running Red Light/Stop Sign	Seat Belt Violation	Seat Belt Violation	Total Number of Vehicles
Male	Young	Male	Young	
Female	Old	Female	Old	

Day 1 Totals:

Running Red Light/Stop Sign	Running Red Light/Stop Sign	Seat Belt Violation	Seat Belt Violation	Total Number of Vehicles
Male:	Young:	Male:	Young:	
Female:	Old:	Female:	Old:	
TOTAL:	TOTAL:	TOTAL:	TOTAL:	



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Day 2 Tally Sheet:

<u>Running Red Light/Stop Sign</u>	<u>Running Red Light/Stop Sign</u>	<u>Seat Belt Violation</u>	<u>Seat Belt Violation</u>	<u>Total Number of Vehicles</u>
<u>Male</u>	<u>Young</u>	<u>Male</u>	<u>Young</u>	
<u>Female</u>	<u>Old</u>	<u>Female</u>	<u>Old</u>	
Day 2 Totals:				
<u>Running Red Light/Stop Sign</u>	<u>Running Red Light/Stop Sign</u>	<u>Seat Belt Violation</u>	<u>Seat Belt Violation</u>	<u>Total Number of Vehicles</u>
<u>Male:</u>	<u>Young:</u>	<u>Male:</u>	<u>Young:</u>	
<u>Female:</u>	<u>Old:</u>	<u>Female:</u>	<u>Old:</u>	
<u>TOTAL:</u>	<u>TOTAL:</u>	<u>TOTAL:</u>	<u>TOTAL:</u>	



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Day 3 Tally Sheet:

<u>Running Red Light/Stop Sign</u>	<u>Running Red Light/Stop Sign</u>	<u>Seat Belt Violation</u>	<u>Seat Belt Violation</u>	<u>Total Number of Vehicles</u>
<u>Male</u>	<u>Young</u>	<u>Male</u>	<u>Young</u>	
<u>Female</u>	<u>Old</u>	<u>Female</u>	<u>Old</u>	

Day 3 Totals:

<u>Running Red Light/Stop Sign</u>	<u>Running Red Light/Stop Sign</u>	<u>Seat Belt Violation</u>	<u>Seat Belt Violation</u>	<u>Total Number of Vehicles</u>
<u>Male:</u>	<u>Young:</u>	<u>Male:</u>	<u>Young:</u>	
<u>Female:</u>	<u>Old:</u>	<u>Female:</u>	<u>Old:</u>	
<u>TOTAL:</u>	<u>TOTAL:</u>	<u>TOTAL:</u>	<u>TOTAL:</u>	

All Days Totals:

<u>Running Red Light/Stop Sign</u>	<u>Running Red Light/Stop Sign</u>	<u>Seat Belt Violation</u>	<u>Seat Belt Violation</u>	<u>Total Number of Vehicles</u>
<u>Male:</u>	<u>Young:</u>	<u>Male:</u>	<u>Young:</u>	
<u>Female:</u>	<u>Old:</u>	<u>Female:</u>	<u>Old:</u>	
<u>TOTAL:</u>	<u>TOTAL:</u>	<u>TOTAL:</u>	<u>TOTAL:</u>	