



The 4-H Automotive Project offers senior 4-H members an opportunity to learn to drive safely. Members can do this through a series of information-activity forms, members' lesson manuals, and close association with road-regulatory agencies, and other resource people. Opportunities are provided for participation in auto-driving contests, visual presentations, and record keeping.

Rules and Regulations

Contestants must have a valid personal driver's license to qualify. Contestants must have an accident-free (preventable) record for 12 months prior to the contest or for the time licensed, including Learner's permit. The state winners must maintain this record to be eligible to attend the regional contests.

1. The contestant shall bring:
 - a. Completed and signed 4-H automotive driving permission and release form
 - b. Valid personal driver's license
2. The contest consists of:
 - a. Written examination - the questions will be taken from the following:
 - i. Buying Your First Car
 - ii. Keys to Happy Motoring: You and the Driving Task
 - iii. Mississippi Drivers Handbook
 - b. Parts Identification, Trouble Shooting and Safety Check
 - i. Identification of "under the hood" parts of the automobile
 - ii. Trouble shooting relating to the mechanical operation of the automobile
 - iii. Safety checking the automobile for safe highway driving or listing items that are inspected for a Safety Inspection
 - c. Driving Exercise - testing the individual's driving skills through the driving course as outlined in the 4-H Automotive Driving Contest announcement.

References:

Automotive Driving Contest
Mississippi Drivers Handbook

4-H Thrive

Positive Youth Development

Developing Competence

Adults create environments where youth can develop competence in their chosen project area.

Building Confidence

Youth build confidence as they learn to think for themselves, build mastery, and are recognized for their efforts.

Nurturing Caring

Adults nurture a caring environment where mutual trust between youth and adults is established. Caring relationships with adults are key to resilient youth.

Finding Connection

Youth build solid connections which are critical to their well-being.

Forming Character

Create a community where youth play an active role in developing their character.

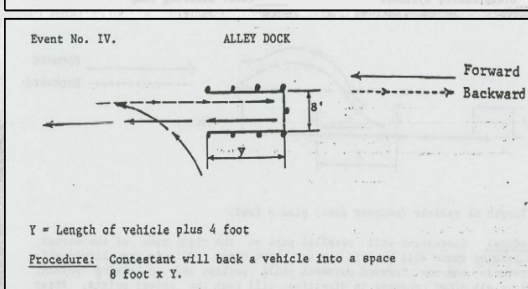
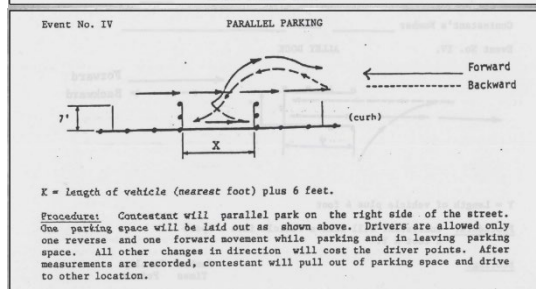
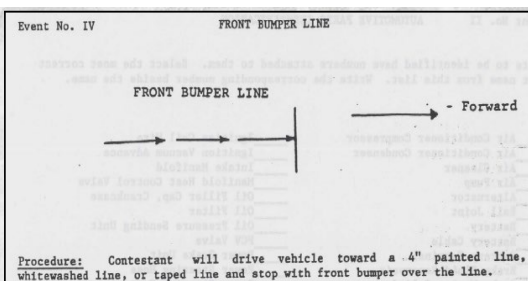
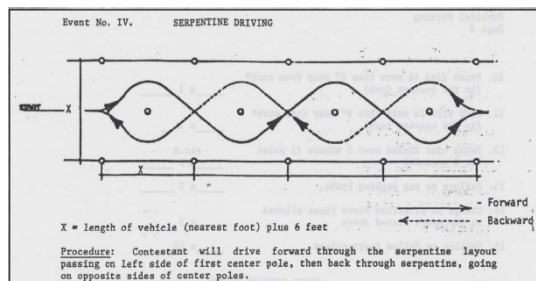
Determining Contribution

Youth actively contribute to their clubs and communities.

***Mississippi State University is
an equal opportunity
institution.***



Resources



1. M0052 Buying Your First Car
2. Keys to Happy Motoring: You and the Driving Task
3. 4-H Wheels -- New Road Signs Identification
4. M0159 4-H Wheels -- Tire Inspection and Evaluation
5. State of Mississippi Driver's License Manual (<http://www.dps.state.ms.us/wp-content/uploads/2012/06/Driver-License-Manual-Jan-2012.pdf>)

Contestant's Name: _____ Contestant's Number: _____

AUTOMOTIVE DRIVING SCORE SHEET

	Number Times	Penalty Points
Safety belt not fastened (mark only once)	_____ x 5	_____
Stalled engine	_____ x 3	_____
Rough start or severe braking	_____ x 2	_____
Opening door for better observation	_____ x 5	_____
Stopping or interrupting continuous speed of vehicle, where not required in course layout	_____ x 5	_____
Front bumper under-runs or over-runs line* (to the nearest inch)	_____ x 2	_____
*Rear bumper can also be used in conjunction with front bumper by backing to the line. Measure from edge of line closest to face of bumper.		
Failure to set parking brake	_____ x 5	_____
Failure to turn engine off	_____ x 5	_____
Failure to follow instructions	_____ x 5	_____
Car off-center in alley dock (measure from side to side to the nearest inch)	Front _____ x 2 Rear _____ x 2	_____
Rear bumper more than 6" away from rear boundary (to the nearest inch)	_____ x 1	_____

SEE REVERSE SIDE

AUTOMOTIVE PARTS IDENTIFICATION

Parts to be identified have numbers attached to them. Select the most appropriate part name from this list. Write corresponding number beside the name. (Note: An incorrect number placement results in lost points for failure to identify the part and lost points for placing a number in an incorrect location!)

_____ Air Conditioner Compressor	_____ Ignition Coil Wire
_____ Air Conditioner Condenser	_____ Ignition Vacuum Advance
_____ Air Cleaner	_____ Intake Manifold
_____ Air Pump	_____ Manifold Heat Control Valve
_____ Alternator	_____ Oil Filter Cap, Crankcase
_____ Ball Joint	_____ Oil Filter
_____ Battery	_____ Oil Pressure Sending Unit
_____ Battery Cable	_____ PCV Valve
_____ Battery Terminal	_____ Power Brake Unit
_____ Brake Fluid Reservoir	_____ Power Steering Hose
_____ Brake Master Cylinder	_____ Power Steering Pump
_____ Carburetor	_____ Radiator
_____ Coolant Recovery Tank	_____ Radiator Cap
_____ Crankcase Oil Dipstick	_____ Radiator Hose
_____ Distributor	_____ Shock Absorber
_____ Electronic Ignition Module	_____ Spark Plug
_____ Emission Control Canister	_____ Spark Plug Wire
_____ Exhaust Manifold	_____ Starter
_____ Fan Belt	_____ Starter Solenoid
_____ Fan Drive Clutch	_____ Steering Gear Unit
_____ Fuel Filter	_____ Temperature Sending Unit
_____ Fuel Line	_____ Thermostat
_____ Fuel Pump	_____ Transmission Fluid Dipstick
_____ Heater, A/C, Blower Motor	_____ Valve Cover
_____ Heater Hose	_____ Voltage Regulator
_____ Horn	_____ Windshield Washer Reservoir
_____ Ignition Coil	_____ Windshield Wiper Motor



4-H AUTOMOTIVE DRIVING PERMISSION FORM

_____ has my permission to participate in the 4-H Automotive Driving Contest will be during State 4-H Club Congress. I verify that the contestant:

- Possesses and will present a valid driver's license at contest.
- Operator's license number _____ Issue Date _____.
- Has a record free of moving violations (convictions) and preventable accidents within the past 9 months.

Signed _____ Date ____
(Parent or Guardian)

Verified _____ County _____
(4-H Youth Agent)

RELEASE

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In being permitted to participate in this 4-H event and to be eligible for awards, I agree to the following:

1. Both as to myself and my heirs and personal representatives, I release all 4-H officials or leaders or dealers affiliated from any and all liabilities and right of action that may arise from any damage or injury which I may receive while attending or participating in said Contest.
2. I will be bound by all rules and regulations while participating in said Contest.

Contestant's Signature _____ Date _____

Parent's Signature _____ Date _____