



# ATV Safety



State O-Rama – Senior 4-H'ers  
Ag Systems Technology Management

## OBJECTIVES

Targeted life skills: Decision-making, communication, responsible citizenship, self-motivation, self-responsibility, character, self-esteem and personal safety.

- Opportunity will be provided for faculty to share information about related college degree programs in ag systems technology management and career options such as: communications specialists, public relations specialists, agricultural science teachers, and county Extension agents.
- To stimulate a more active interest in ATV safety.
- To encourage further reading, study and discussion on ATV safety, and to strengthen the 4-H ATV Safety Program.
- To stimulate community, county, district and state action programs for the promotion of ATV safety and the prevention of ATV accidents.

## ACTIVITY

### General Rules:

1. Each county may send two individuals.
2. As a safety precaution, all contestants will be **REQUIRED** to wear long-sleeve shirts, long pants (preferably denim) and boots. Tennis shoes **WILL NOT** be allowed. Must wear western-style boot, hiking or work boots. **NO EXCEPTIONS.**
3. Helmets, gloves and eye protection will be provided for wear during the riding portion of the competition. Contestants are encouraged to bring their own should they own a helmet, gloves or goggles.
4. The contestant with the lowest score will win.
5. Any contestant demonstrating unsafe riding skills will be stopped immediately and given 200 penalty points.
6. **Due to the nature of the contest, all contestants will have completed an ASI ATV Safety RiderCourse prior to the activity.**

### Contest Format:

**A. Written Test:** This test will consist of 25 questions which may be fill-in-the blank, multiple-choice, or true-false. The test questions will cover basic riding techniques, safety equipment, riding strategies, any other material covered in the 4-H Community ATV Safety Riders Handbook.

**Rules:**

1. Two penalty points will be deducted for each question answered incorrectly or unanswered.
2. Time limit – 20 minutes
3. Scoring: Questions missed \_\_\_\_ x 2 = Total Penalty Points \_\_\_\_

**B. Parts Identification:** Identify 10 ATV parts from the list provided. Parts will be on ATV and will be tagged for identification.

**Rules:**

1. Five-minute time limit
2. Scoring: Parts identified incorrectly \_\_\_\_\_ x 2 = Total Penalty Points \_\_\_\_

**C. ATV Safety Skill Driving:**

This activity will test the individual's overall ability to safely operate the ATV in various situations.

**Rules:**

1. 4-H'er must select the correct machine to ride according to his/her age. See 4-H Community ATV Safety Riders Handbook for details.
2. This is not a timed event. First and second gear should be used at all times. Emphasis will be on ride technique, skill and safety. Riding extremely slow or extremely fast will result in penalty.
3. Any and all material for the contest (excluding course) comes directly from 4-H Community ATV Safety Riders Handbook, parts list provided and course pattern from 4-H ATV Safety Program Coordinator.

**Resources:**

[http://www.kidsarus.org/kids\\_go4it/safety/ATV/default.htm](http://www.kidsarus.org/kids_go4it/safety/ATV/default.htm)

<http://www.atvsafety.org/>

## ATV Parts Identification

Name: \_\_\_\_\_ County: \_\_\_\_\_

Put the number of the part next to the correct name.

- \_\_\_\_ Parking Brake
- \_\_\_\_ Hand Brake Lever(s)
- \_\_\_\_ Foot Brake Pedal
- \_\_\_\_ Throttle
- \_\_\_\_ Ignition Switch
- \_\_\_\_ Fuel Supply Drive
- \_\_\_\_ Choke (primer)
- \_\_\_\_ Clutch
- \_\_\_\_ Engine Stop Switch
- \_\_\_\_ Gas Cap/Tank Vent
- \_\_\_\_ Shift Lever
- \_\_\_\_ Starter (pull, kick, electric)
- \_\_\_\_ Light On/Off Switch
- \_\_\_\_ Light Hi/Lo Switch
- \_\_\_\_ Compression Release Lever
- \_\_\_\_ Oil Dipstick
- \_\_\_\_ Chain
- \_\_\_\_ Carburetor
- \_\_\_\_ Drive Shaft
- \_\_\_\_ Front Brake Cable

### **ATV Skill Driving**

Contestant Number: \_\_\_\_\_ Name: \_\_\_\_\_

#### Scoring Penalty Points

Participant chooses correct size ATV (10) \_\_\_\_\_

#### **Pre-Start Check T.C.L.O.C.**

Tires and Wheels (5) \_\_\_\_\_

Controls and Cables (5) \_\_\_\_\_

Lights and Electrics (5) \_\_\_\_\_

Oil and Fuel (5) \_\_\_\_\_

Chain and Drive Shaft Chassis (5) \_\_\_\_\_

#### **Starting Safety B.O.N.E.C.**

Brakes (5) \_\_\_\_\_

On (5) \_\_\_\_\_

Neutral (5) \_\_\_\_\_

Engine (5) \_\_\_\_\_

Choke (5) \_\_\_\_\_

#### **Driving Safety**

Maintain an even cadence or rhythm (5 each) \_\_\_\_\_

Correct throttle control **at** obstacle (5 each) \_\_\_\_\_

Do not shift while maneuvering an obstacle (5 each) \_\_\_\_\_

Head and eyes **up** looking forward (5 each) \_\_\_\_\_

Firm braking (5 each) \_\_\_\_\_

Do not brake while swerving (5 each) \_\_\_\_\_

General safe riding skills (5 each) \_\_\_\_\_

- Smooth shifting (5 each) \_\_\_\_\_
- Body positioning (5 each) \_\_\_\_\_
- Touching a cone or boundary (5 each) \_\_\_\_\_
- Running over a cone (10 each) \_\_\_\_\_
- Broken pattern (25) \_\_\_\_\_
- Body position around turns (5 each) \_\_\_\_\_
- Body position around figure-eight (5 each) \_\_\_\_\_
- Correct body position at hill (5 each) \_\_\_\_\_
- Correct throttle control at hill (5 each) \_\_\_\_\_
- Correct body position in swerve (5 each) \_\_\_\_\_

NOTE: The BONEC and TCLOC procedures are to be done BEFORE riding the course. This is a pre-ride check. In the essence of time, they will only check air pressure in one tire, not all four.

Along these same lines, they will only have to locate the chain or drive shaft and not literally inspect them. They also will only have to locate the choke on the ATV; they won't choke the engine before starting, as it will be quite warm and choking it will flood it anyway, but they can locate it.

Each time the rider touches a cone, they will be charged 5 points. Each time they run over a cone they will be charged 10 points.

Each contestant wants to end up with a score of "0" or as close as possible to "0" as they can get.

## ELIGIBILITY

1. **The contest is open to any Senior 4-H member who has completed an ASI ATV Safety RiderCourse and whose name is entered by his or her county Extension agent. Anyone fulfilling these requirements will be eligible to enter this contest and compete as an individual.**

## AWARDS

First- through fifth-place individuals will receive ATV safety gift packs, as well as ribbons.

**PREPARED BY** Jack Boles, Arkansas 4-H ATV Safety Coordinator

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