

ATV Safety: Demonstration Ideas

Use the following demonstrations to show the dangers of ATV use.

ATV SAFETY TEACHING TIPS

- ▶ Prepare two different road surfaces on a set of boards or sturdy cardboard. Create a rough surface on one board using sand, rocks, and pieces of cardboard taped to the board. Using round, medium sized balloons fill them with differing amounts of water to represent a range of tire pressures on ATV tires. Make sure to have one balloon completely filled and one with ½ cup of water. With equal force, roll the balloons across each surface and observe what happens.
- ▶ Prepare, drain, and pour 8 ounces of cooked macaroni noodles into a greased brain mold. (These can be found at novelty stores or online.) Mix a 6 ounce box of peach gelatin with 3 cups of boiling water and pour into the mold. Refrigerate. Standing on a ladder drop the brain mold (representing a person's skull) and gelatin brain inside, to simulate a person's brain being thrown from an ATV. Observe and discuss the importance of wearing a helmet. Repeat without the mold.
- ▶ Place an uncooked egg in a small plastic bag and seal. Throw the egg up in the air a few times and catch it representing a rider on rough terrain. Throw the egg once more and let it hit the floor representing a driver being thrown from an ATV. Seal a second egg in a plastic bag and wrap it with several layers of bubble wrap and place in a small foam box or container. Repeat the tosses and observe the results of the rider wearing a helmet versus the one who was not.
- ▶ Find videos of ATV crashes on the internet by searching for ATV crashes in a search engine. Choose 3 to 5 videos to share with your audience showing different situations. Have the audience compare each video and driver. Discuss, passengers, personal protective equipment, riding surface, and weather conditions. Discuss what the driver could have done differently.

In 2011, over 10 million ATVs were used in the United States.



Is the ATV the right size?
Don't put youth on adult sized ATVs.

Additional instructions about each of these activities are available from Farm Safety For Just Kids. Visit www.farmsafetyforjustkids.org or call 1-800-423-5437 for more information.



www.progressiveag.org
1-888-257-3529

This educational piece was originally developed by Farm Safety For Just Kids

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DID YOU KNOW?

ATVs are used on farms and ranches for a variety of reasons but can become lethal if not used properly. Youth have the highest risk of injury when operating an ATV due to many factors like inexperience and attitude.

- ▶ From 1982 to 2012 nearly 3,000 children younger than 16 died due to ATV related incidents.
- ▶ Of the ATV-related fatalities of children younger than 16 years of age, 43% were younger than 12.
- ▶ 14% of all ATV related fatalities are children under 16.
- ▶ In 2012, there were over 100,000 emergency department-treated injuries in the United States, and 25% of them were youth under the age of 16.

Whether used to check cattle or spray chemicals, an ATV is a great way to accomplish the task.

