



# AAPA ANNUAL CONVENTION

LORIE H. TUDOR | ARDOT DIRECTOR



# Strategic Plan 2023-2028



## Safety



## 2023-2028 STRATEGIC PLAN

### PURPOSE

To deliver a modern transportation system to enhance safety and quality of life in Arkansas

### CORE VALUES



**Safety**  
Committed to  
Arkansans' wellbeing



**Trust**  
Dependable  
public service



**Excellence**  
Quality in everything  
we do



**Accountability**  
Responsible and  
transparent



**Modern**  
Innovating for  
the future

*Safety first, working as a TEAM*

### GOALS & STRATEGIC OBJECTIVES

#### SYSTEM

Provide innovative transportation solutions to improve safety and mobility

- Plan, develop, operate, and maintain an efficient, reliable, and resilient highway system
- Focus on all aspects of safety
- Continue to emphasize system preservation
- Excel at project delivery
- Manage assets in a transparent, data-driven, and cost-effective manner
- Ensure environmental stewardship

#### SERVICE

Deliver reliable and efficient customer service

- Strive to exceed customer expectations
- Provide timely and courteous customer service in all communications
- Be transparent
- Ensure compliance with all relevant regulations

#### EMPLOYEES

Ensure ArDOT is a great place to work

- Recruit and retain quality employees
- Encourage and empower decision making at all levels
- Invest in employee career development
- Promote teamwork and accountability
- Encourage innovation and risk-based decision making
- Strengthen knowledge management

#### PARTNERS

Collaborate and strengthen partnerships

- Listen to Arkansas residents and community leaders
- Engage with federal, state, and local governments
- Partner with industry to improve efficiency
- Learn from peer states' best practices

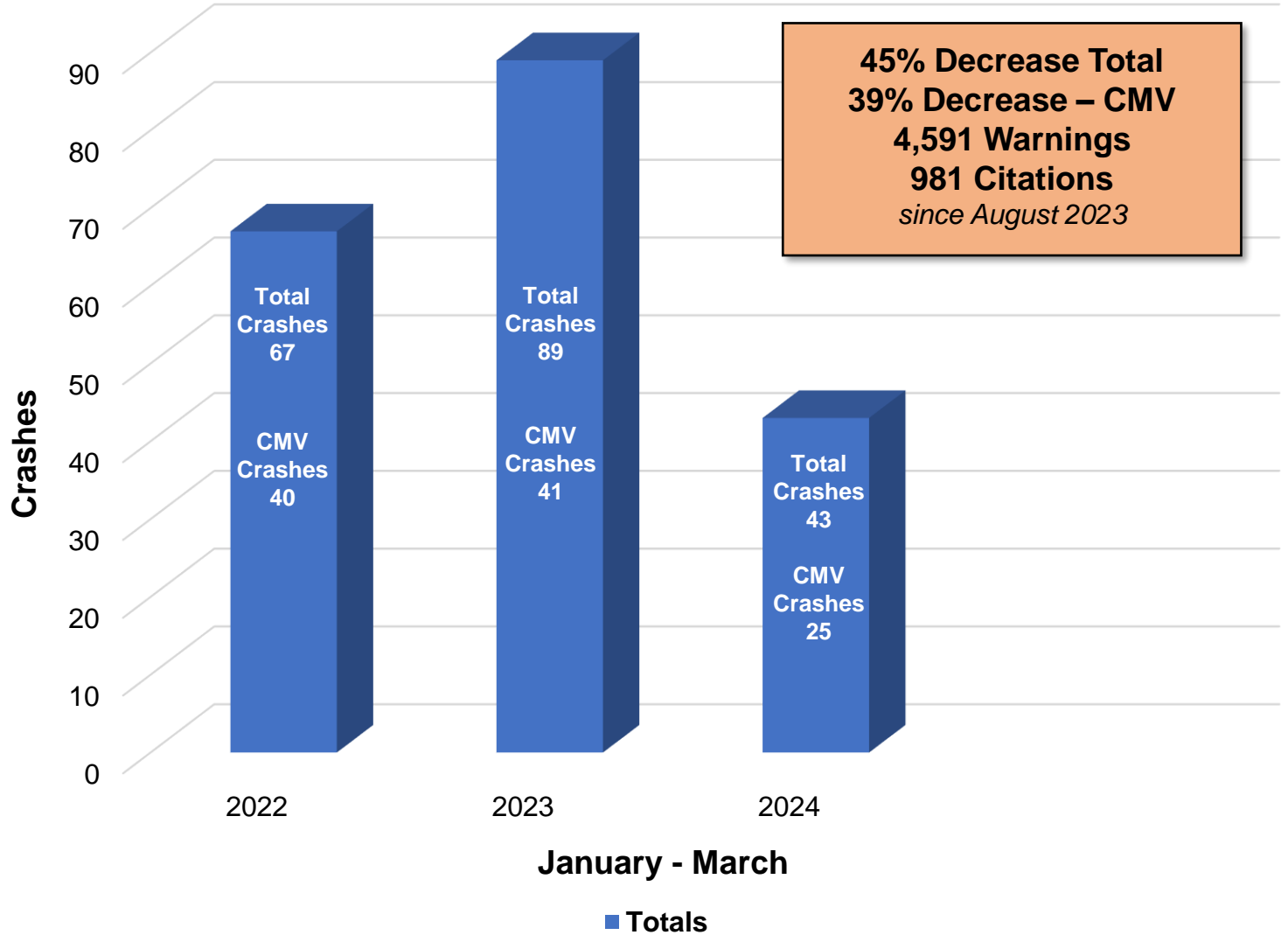




# Work Zone Safety SPEED ENFORCEMENT CAMERAS

## Saline County (Benton) Work Zone

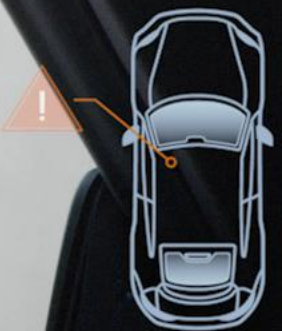
Before and After Crash Statistics / Speed Enforcement Camera





TIME IN WORK ZONE

0:09



TPMS

32 22





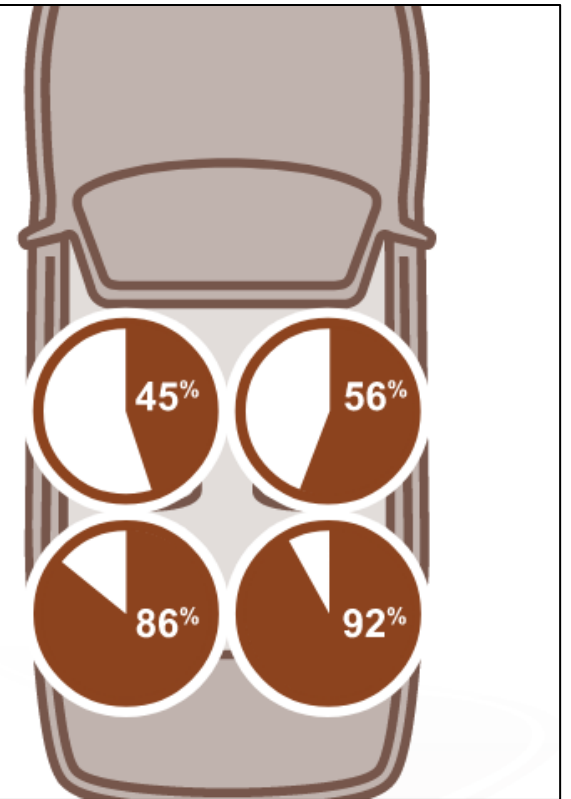
# Keeping Georgians Safe

One classroom at a time

# Georgia Young Driver Roadway Safety Facts

- 27% increase in number of young drivers involved in fatal crashes from 2019 to 2021
- Young drivers accounted for:
  - 8% of all licensed drivers in 2021
  - 10% of all drivers involved in fatal crashes
  - 18% of all drivers involved in serious injury crashes
- Contributing factors:
  - Speed
  - Nighttime Driving
  - Distracted
  - DUI
  - Seatbelt

**Percent** of fatally injured young drivers and their fatally injured passenger occupants (Aged 15-to-20 years) who were **unrestrained.**





# ARRIVE LIVE

**DRIVE  
ALERT  
ARRIVE  
ALIVE**

**WE ARE  
TEACHERS**



**SAFE  
DRIVING  
SUMMIT**  
HOSTED BY GEORGIA DOT AND LUTZIE 43 FOUNDATION





# Story-telling: Getting real leads to behavior change





**KEEP  
GEORGIA  
SAFE**

A Free K-12 Car and Road Safety  
Program from GDOT

[www. GARoadSafety.com](http://www.GARoadSafety.com)



# GEORGIA STANDARDS OF EXCELLENCE



## Frequently Asked Questions

Who is behind the website and resources?	+
What are these resources for?	+
Can I share these with others?	+
Where are the games?	+
What's your partnership with We Are Teachers?	+
Do these materials align with teaching standards?	+
Why didn't I receive a classroom kit in the mail?	+
Can I get more books for my classroom?	+
Where can I submit photos, ideas, or artwork from my students?	+

# Road Safety Videos



Seatbelts



Distracted Brain



Bike Lanes



3 Seconds

# Interactive Games



## Virtual Field Trip Across Georgia

See great destinations and complete road safety challenges

For Grades 3-6

**Start**



## Virtual Road Safety Game

Remove driving distractions and customize your car

For Grades 6-12

**Play Now**

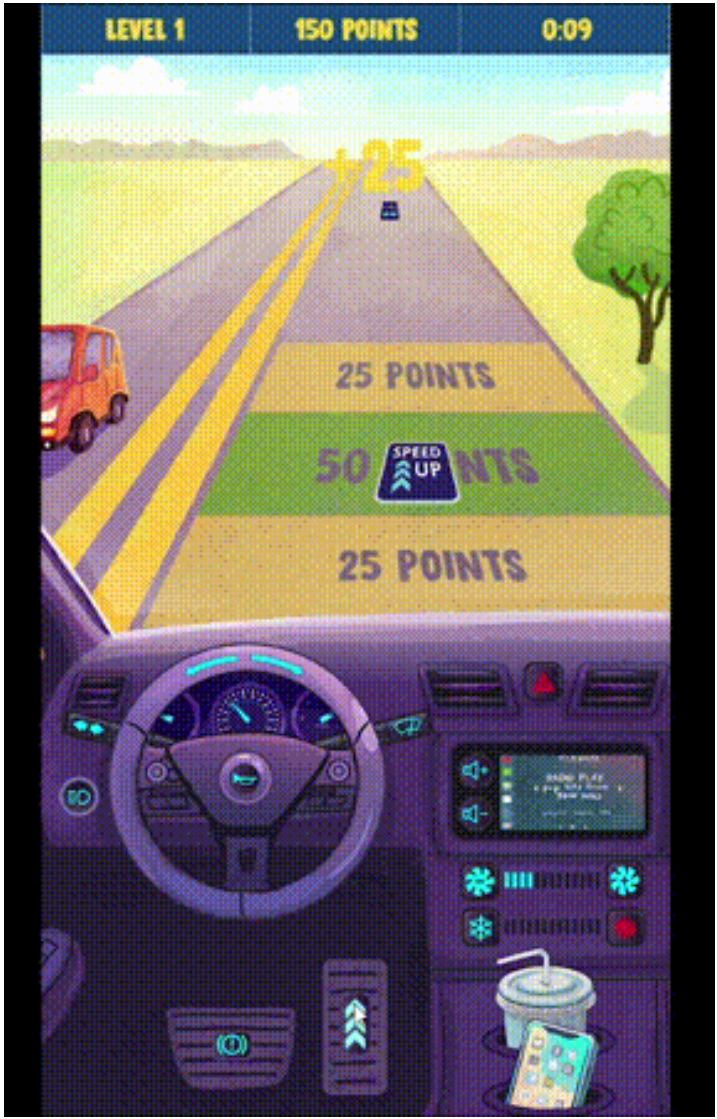
**Kahoot!** Login Sign up

**KEEP GEORGIA SAFE** **Keep Georgia Safe** Georgia Road Safety Kahoots: 8 Plays: 259 Players: 394 Follow

[Content](#) [About](#)

**Featured kahoots**

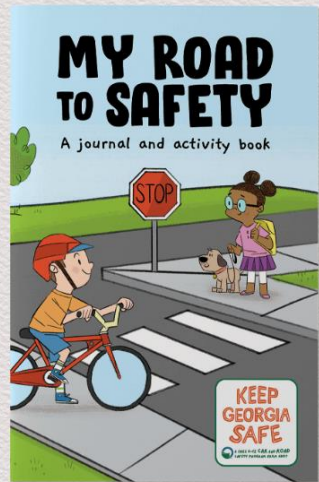
- DRIVE SAFELY** 15 questions Say This, Not That! Safe... resourcesGDOT • 68 players
- Seatbelt Savvy** 11 questions resourcesGDOT • 91 players
- The ABCs of Driver Safety** 14 questions resourcesGDOT • 82 players
- Are You a Good...** 13 questions resourcesGDOT • 153 players





# My Road to Safety

This journal and activity book is perfect for grades 3-5.



[Download a PDF of the Book](#)

## STUDENT ACTIVITY BOOK



# FREE Classroom Posters

Get PDFs of our road safety classroom posters

## ROAD SAFETY

### 5 WAYS WE CAN MAKE AN IMPACT

**BE SAFE WALKERS.**  
Pay attention, and be sure you can SEE AND BE SEEN at all times.

**BE SAFE IN THE CAR.**  
Never use a phone while driving, and don't distract the driver.

**BE SAFE RIDERS.**  
Wear a helmet on bikes, scooters, and other wheels.

**BE SAFE ON THE BUS.**  
Follow the bus rules, and listen to the driver.

**BE SAFE ON SIDEWALKS.**  
Use crosswalks, and always look left, right, and left again!

**KEEP GEORGIA SAFE**  
GDOT

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**Road Safety: 5 Ways We Can Make an Impact**  
For Grades K-5

[Download](#)

## SAY NO TO DRIVING DISTRACTIONS

Did you know **50%** of all crashes are related to distractions?

**TAKE THE PLEDGE**  
I won't be a distraction in the car.  
I won't drive distracted.

SIGN THE PLEDGE BELOW

**KEEP GEORGIA SAFE**  
GDOT

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**Say No to Driving Distractions**  
For Grades 6-12

[Download](#)

## DON'T BE A STATISTIC

WEAR YOUR SEATBELT. PUT YOUR PHONE DOWN. PAY ATTENTION. IT MATTERS.

- #1** CAUSE OF DEATH FOR TEENAGERS IN THE UNITED STATES IS MOTOR VEHICLE CRASHES.
- 51%** RECENT REPORTS SHOW 51% OF TEENS WHO DIED IN A CRASH WERE UNBUCKLED.
- #2** AFTER ALCOHOL, MARIJUANA IS THE DRUG MOST OFTEN FOUND IN THE BLOOD OF DRIVERS INVOLVED IN CRASHES.
- 73%** OF FATALITIES IN CRASHES ARE CAUSED BY UNSAFE DRIVING CONDITIONS LIKE DISTRACTIONS, IMPAIRMENTS, AND DRIVING TOO FAST.
- 12x** A PERSON IS 12 TIMES MORE LIKELY TO CRASH IF THEY HAVE LESS THAN 4 HOURS OF SLEEP AT NIGHT.
- 53%** DISTRACTIONS ARE REGULARLY A FACTOR IN ROUGHLY 53% OF TEEN CRASHES.
- 23x** A PERSON TEXTING AND DRIVING IS 23 TIMES MORE LIKELY TO BE IN A CRASH.
- 5** PEOPLE DIE EACH DAY RELATED TO A CAR ACCIDENT IN GEORGIA.
- 1,830** PEOPLE DIED ON GEORGIA'S ROADS RECENTLY IN A SINGLE YEAR.
- 62%** OF TEEN CRASH DEATHS OCCUR BETWEEN 4 P.M. AND 4 A.M.
- 17x** TEEN DRIVERS ARE 17 TIMES MORE LIKELY TO DIE IN A CRASH WITH AN ELEVATED BLOOD ALCOHOL CONTENT.
- 4x** IF USING A CELL PHONE WHILE DRIVING, DRIVERS ARE FOUR TIMES MORE LIKELY TO CRASH, WHETHER IT'S HANDS-FREE OR NOT.

**KEEP GEORGIA SAFE**  
GDOT

\*Data provided by the following National Highway Traffic Safety Administration, Georgia Department of Transportation, "Seat in the Driver Seat."  
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**Don't Be a Statistic**  
For Grades 6-12

[Download](#)

# FREE Lesson Plans

Please click on the appropriate image below to download the lesson plan.

## K-5 Lessons and Worksheets

### DESIGN YOUR OWN ROUNDABOUT

Students will put their engineering skills to the test while improving safety on the road.

Roundabouts do an incredible job of making the roads safer for all people, whether driving, walking, or riding a bike. Yet, a lot of people don't understand how they work or what they do. In this lesson, students will learn about the value of roundabouts, and they'll even design their own using pipe cleaners.

**Time Required:** 15-30 minutes

**Materials:**

- Pipe cleaners
- Toy cars
- Safe intersections handout

**Prep:**

Get pipe cleaners, making sure you have enough for students. Print multiple copies of the Safe Intersections handout so all students can view it.

**Objective:**

Students will learn why roundabouts are safer, compared to traditional intersections. They will also have the chance to build and test their own intersection to better understand how they work.

**Elevate Your Lesson:**

Here are some ideas for ways to expand this lesson.

- Discuss statistics and the value of learning them.

**Instructions for the Lesson:**

- TALK ABOUT ROUNDABOUTS.** Research how effective roundabouts can be, even including how crashes by as much as 80%. Either ask students or have them research the value of roundabouts. Give students Safe Intersections handout to fill out.
- BUILD A ROUNDABOUT.** It's time to pull out the pipe cleaners and let students create their own.

[Learn about roundabouts at www.gdps.net/gdpsnet/pages/Roundabouts.aspx](http://www.gdps.net/gdpsnet/pages/Roundabouts.aspx)

Design Your Own Roundabout

### SAFE INTERSECTIONS

Learn how roundabouts can make a big difference in road safety.

Traditional Intersection  
Traditional intersections have 32 potential conflict points.

Roundabout  
With a roundabout design, there are only 4 conflict points.

**3 More Roundabout Facts**  
Research and write facts you learn.

**DID YOU KNOW?**  
Roundabouts can decrease fatal crashes by 90%.

**Time Required:** 30-45 minutes

**Materials:**

- Paper
- Sign template

**Prep:**

Print copies of the safety sign template, and make sure you have art supplies for everyone.

**Objective:**

Students will learn about common road and car safety challenges and their will use their own creativity to come up with solutions through art.

**Elevate Your Lesson:**

After they've researched, have students create a shared list of their research.

Safe Intersections

### CREATE YOUR OWN SAFETY SIGN

Students will put their creativity to the test while also helping their communities.

Students can have a powerful impact on the way others think about certain topics. They can actually be the case when it comes to car and road safety because they directly impact lives. In this lesson students will be encouraged to use their creative skills to create strong messages for their own communities.

**Time Required:** 30-45 minutes

**Materials:**

- Paper
- Sign template

**Prep:**

Print copies of the safety sign template, and make sure you have art supplies for everyone.

**Objective:**

Students will learn about common road and car safety challenges and their will use their own creativity to come up with solutions through art.

**Elevate Your Lesson:**

After they've researched, have students create a shared list of their research.

**Instructions for the Lesson:**

- TALK ABOUT CAR SAFETY.** Have students research facts and statistics about car safety, and write down what they find. Some of the topics may be how to look into things like distracted driving, safe driving, and the impact of speed. Encourage students to concentrate on a single message for their sign.
- TALK ABOUT ROAD SAFETY.** Have students research facts and statistics about road safety. Some of the topics may be things to look into might include: wetting to school, bike safety, crosswalk safety, and being a smart pedestrian. Have students focus on a single message for their sign.
- CREATE SIGNS!** After they've researched, have students create a shared list of their research.

Create Your Own Safety Sign & Template

### UNDERSTANDING INERTIA

Students will put toy cars to the test in this hands-on experiment.

It's not easy enough to talk about and understand at multiple age levels, but it makes a much bigger impact when you can see it happening with your own eyes. This is especially true for understanding inertia's importance for a subject like seatbelts. In this hands-on physics lesson, students will explore their own car seats, using toy cars, Play-Doh, and tape to see just how important seatbelts are.

**Time Required:** 15-30 minutes

**Materials:**

- Toy cars, car ramp
- Play-Doh
- Tape, pencil

**Prep:**

Borrow a toy car ramp or make your own out of cardboard. Find a set of toy cars that have enough room on the hood to hold a more person out of Play-Doh. Get pencils ready for students to set up the test zone.

**Objective:**

Students will gain a stronger understanding of inertia, and they will see how "person" can be impacted by factors like speed. They will also better understand the role seatbelts have in cars.

**Elevate Your Lesson:**

Here are some ideas for ways to expand this lesson.

#### Instructions for the Lesson:

- TALK ABOUT INERTIA.** You can find many great videos about inertia on YouTube, including one about seatbelts and inertia from the Georgia Department of Transportation. Give an overview of the lesson, about how they're going to do their own inertia experiment with toy cars. Encourage students to hypothesize about what's going to happen to their own cars when adding outside factors like speed and distance.
- CREATE TEST CAR AND TEST TRACK.** Have students build "test drivers" with Play-Doh that are small enough to fit on the hood of their toy car. Models should slightly stick on the hood so they don't fall off right away during the test. As students push, have a small group set up the test area—a ramp, a taped-down pencil as a barrier for cars to hit.
- TEST THE CARS.** Have students hit their cars, sending them down the ramp to collide.

Understanding Inertia

### WRITE A LETTER TO LEADERSHIP

Students will share their opinions with community members and leaders through writing.

Students feel empowered when you encourage them to form their own opinions and then to share those with others. When they do for important topics like car and road safety, they will see how they have a real impact on people around them. In this lesson, students will write their own letter or op-ed to encourage safer habits in their own neighborhoods and communities.

**Time Required:** 20+ minutes

**Materials:**

- Poster
- Opinion Planning worksheet

**Prep:**

Print enough copies of the opinion planning worksheet so all students can use it to prep their letter or article on their topic of choice.

**Objective:**

Students will form their own opinions on a road and safety topic, then create a letter or op-ed, which they can then send to a public official, community leader, or to a media outlet.

**Elevate Your Lesson:**

Here are some ideas for ways to expand this lesson.

#### Instructions for the Lesson:

- IDENTIFY DIFFERENT TYPES OF OPINION WRITING.** There are many different ways to write an opinion piece. Whether creating an issue letter, or formal article, it's great to give students different options. Have students read different opinion pieces, and encourage them to think about what they will write.
- CONNECT OPINION WRITING TO SAFETY.** Talk to students about how opinion pieces can help get our important messages. Using a poster, invite students to come up with different road or safety topics. Write these ideas big on the poster for everyone to see. Example: Distracted driving, Seatbelts, Bike safety.
- FILL OUT THE WORKSHEET!** Some students will just get in and start writing while others need time to form their thoughts and opinions. In either case, using a worksheet can be really helpful as students identify their ideas and opinions.

Write a Letter to Leadership

### TAKE THE PLEDGE

Say NO to Driving Distractions

I pledge not to drive distracted, both now and in the future. I also pledge not to be a distraction when I'm a passenger in the car.

I will:

- Put my phone down.
- Keep my music at a reasonable volume.
- Not multitask while driving.
- Let the driver focus.

Here's why this matters to me:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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Here's why this matters to me:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Distracted Driving Pledge Cards

### OPINION PLANNING WORKSHEET

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Here's the type of writing I plan to do:

HELLO!

1 things I want people to know about this topic:

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Here are 2 statistics I believe are important:

1. \_\_\_\_\_

2. \_\_\_\_\_

Who should know about this topic?

Why? \_\_\_\_\_

What am I trying to convince people of?

How or why would someone disagree with my opinion? \_\_\_\_\_ Other ideas I have: \_\_\_\_\_

Opinion Planning Worksheet

### THE REALITY OF THE NEED FOR SPEED

Students will calculate the impact speed can have during crashes.

The real for speed is something you hear about in games, movies, and pop culture. There's this desire to acquire speed, especially when it comes to fast cars and driving. Yet, the impact speed can have on crashes, cars, and ultimately people can be surprising. Even just moving an extra 10 or 20 mph per hour can make a big difference in a crash. In this lesson, students will calculate the impact of speed and gain a better understanding of why it matters.

**Time Required:** 15-30 minutes

**Materials:**

- YouTube video
- Poster
- Calculator

**Prep:**

Watch the YouTube educational video "Calculating a Car Crash" by Hurricane1. Understand how he calculates kinetic energy so you can demonstrate it for students.

**Objective:**

Students will understand kinetic energy and how this has a big impact on speed, especially when traveling at high speeds.

**Elevate Your Lesson:**

Here are some ideas for ways to expand this lesson.

- Have students write out mini essays with evidence to understand how they relate to real life. Example: The rate to work, you're not doing attention of this way to the store, etc.)
- Give students a calculator to use for calculations.

#### Instructions for the Lesson:

- TALK ABOUT SPEED.** Before watching the YouTube video, have a conversation with students about speed, how does this "rate of speed" make a difference to they think it makes when it comes to a crash? What are some different driving scenarios where speed might come into play? For instance, high speed on the highway and high speed near a crosswalk or school zone are different topics, but they both can have a major impact.
- SHOW STUDENTS THE YOUTUBE VIDEO.** Have the YouTube video "Calculating a Car Crash" by Hurricane1 ready to show. They'll enjoy and have students watch it all the way through at least once. Then go back into the video at the stopping point where he's making the calculation about kinetic energy. Write his equation on the board.
- HAVE STUDENTS CALCULATE.** Divide students up into pairs or small groups. Then give them or have them come up with at least two different scenarios to calculate around.

The Reality of the Need for Speed

### CREATE YOUR OWN PSA

Students will create a car and road safety PSA.

Public Service Announcements (PSAs) can have a big impact on your school, neighborhood, and community. These announcements often share information and facts a lot of people aren't aware of. PSAs are important in educating the public, and when they are on a subject like car and road safety, they can actually save lives. In this lesson, students will be inspired to create their own PSA through their writing, art, or in a video.

**Time Required:** 15-30 minutes

**Materials:**

- Planning worksheet
- Other materials as needed for art or video

**Prep:**

Print enough copies of the planning worksheet so all students can use it to prep their PSA.

**Objective:**

Students will form their own opinions on a road and safety topic to create a PSA.

#### Instructions for the Lesson:

- IDENTIFY DIFFERENT TYPES OF PSAs.** Talk to students about public service announcements and what they are. Have students look up the history of PSAs and also find a few examples of different formats. For instance, a PSA can be a video, an advertisement, an op-ed article, or even a poster or artwork. Even influences on social media platforms can release videos that are PSAs in style.
- CONNECT PSAs TO CAR AND ROAD SAFETY.** Talk to students about how PSAs can help get our important messages. Ask them to identify the format of the PSA they want to create, deciding between art, writing, or video. Then have students research a specific topic they want to focus on. Encourage them to be specific and find real data or statistics to back up their ideas.
- FILL OUT THE WORKSHEET!** No matter what format you have planned for the PSA, they should fill out the worksheet. Encourage them to think about the worksheet as a planning tool, not a final product. They can use it to plan their PSA, but they can also use it to plan their PSA.

Create Your Own PSA

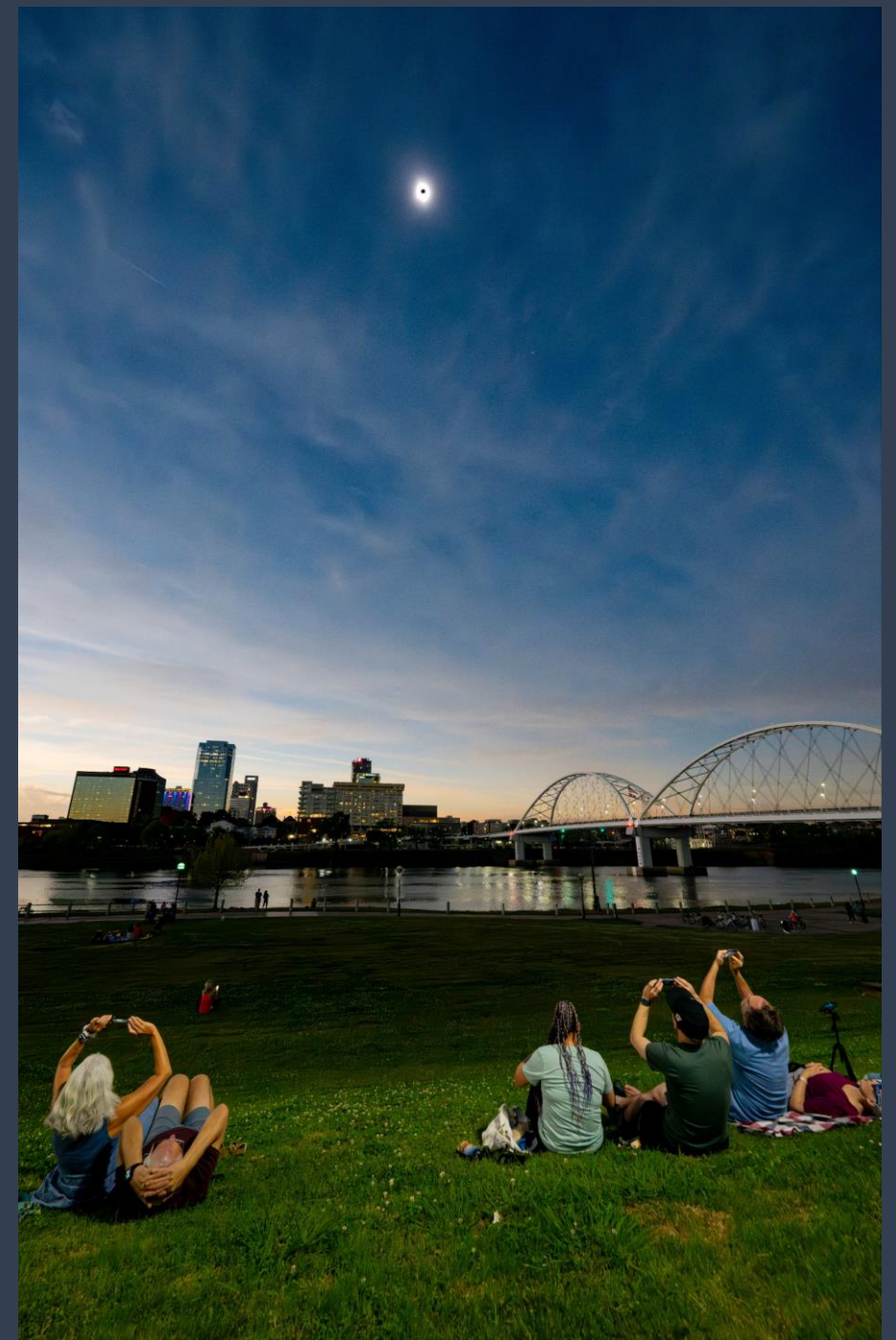


# Keeping Georgians Safe

One classroom at a time



# Total Solar Eclipse POST-GAME DEBRIEF



119% Increase

54% Increase

131% Increase

74% Increase

71% Increase



# Total Solar Eclipse POST-GAME DEBRIEF

## GENERAL HIGHWAY MAP of Arkansas

Prepared and issued by the Arkansas Department of Transportation  
Planning Division

- Interstate
- U.S. Highway
- Other State Highway

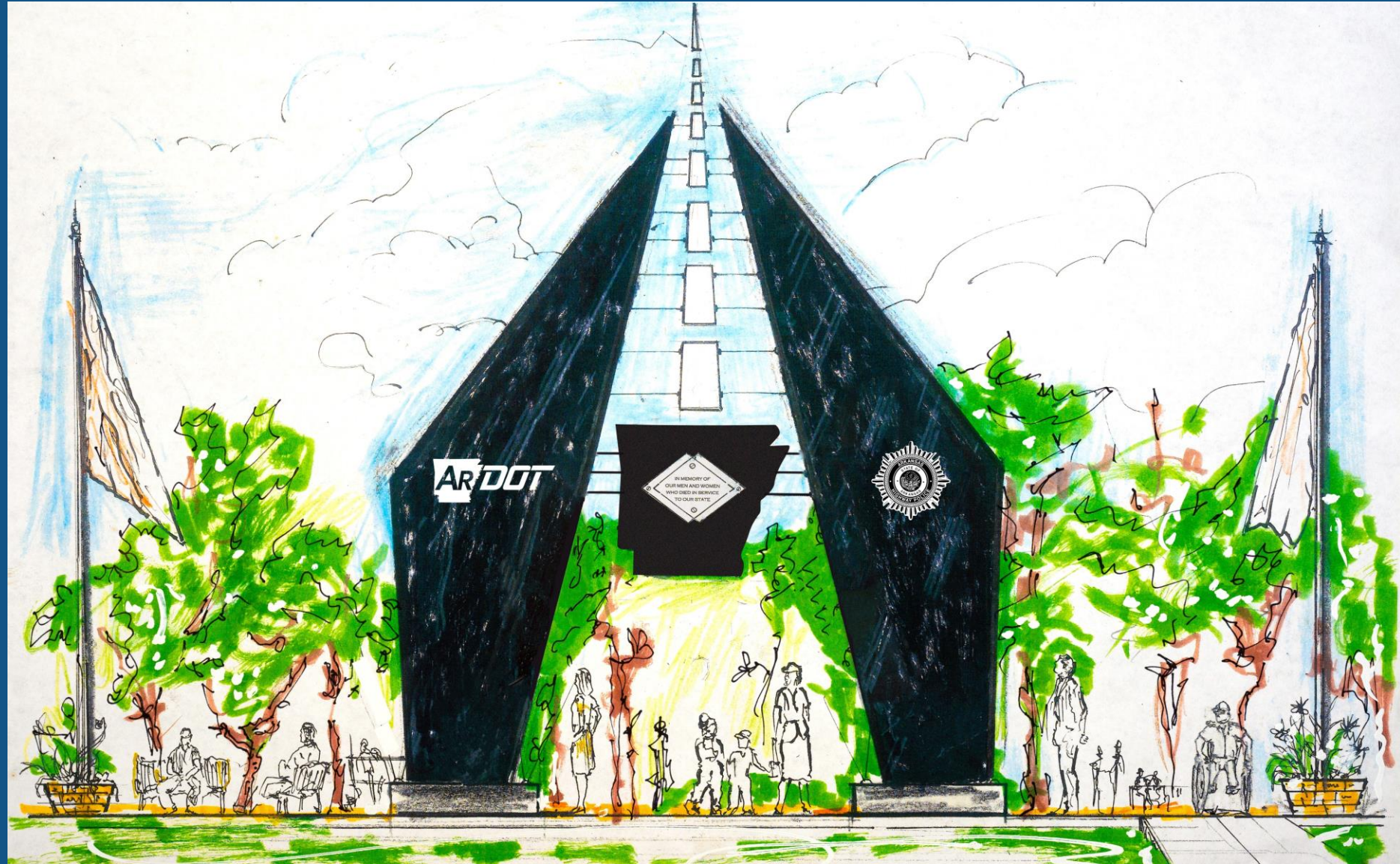


Scale: 1:500,000





# Proposed Fallen Worker Memorial









# Strategic Plan 2023-2028



## Partners



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#### Safety

Committed to  
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#### Trust

Dependable  
public service



#### Excellence

Quality in everything  
we do



#### Accountability

Responsible and  
transparent



#### Modern

Innovating for  
the future

*Safety first, working as a TEAM*

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- Focus on all aspects of safety
- Continue to emphasize system preservation
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- Strive to exceed customer expectations
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Ensure ArDOT is a great place to work

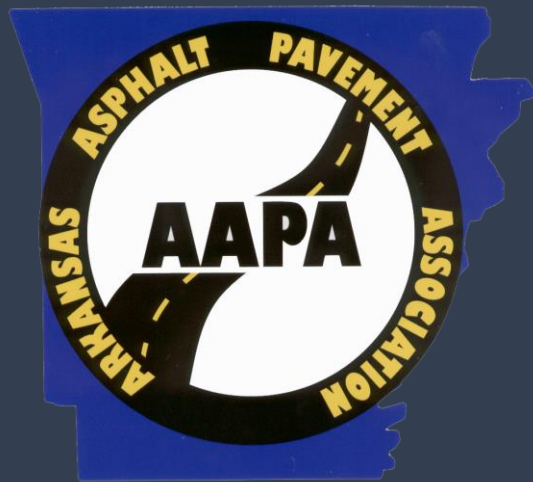
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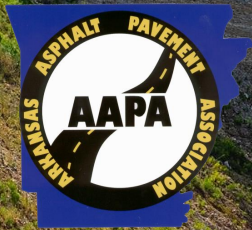
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Collaborate and strengthen partnerships

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- Engage with federal, state, and local governments
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- Learn from peer states' best practices







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