



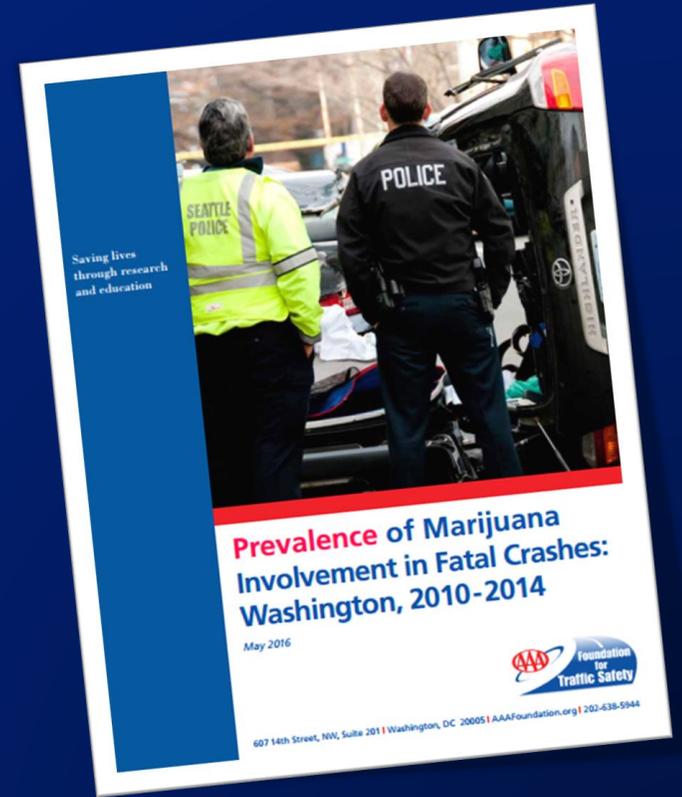
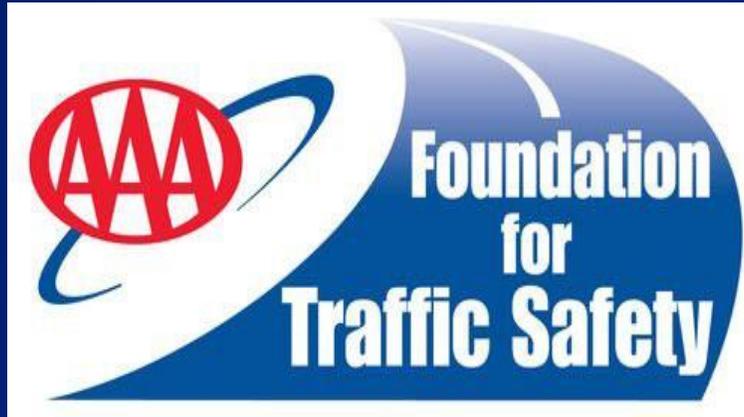
S.259 An act relating to online driver education



Dan Goodman
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AAA Northern New England



AAA: A Century of Road Safety Advocacy



DRUGGED DRIVING & CRASHES

In Washington state, the percent of drivers in fatal crashes who recently used marijuana **more than doubled** between 2013 and 2014

In 2014, **1 in 6** drivers involved in fatal crashes in the state had recently used marijuana



Source: AAA Foundation for Traffic Safety





Trends

- Fewer teens are completing driver education
- Fewer teens licensed before age 18
- Traffic crashes are a leading cause of death 15 to 18 years old

Key Issues:

- **Geography:** Rural families limit access to driving schools
- **Shortages:** Instructor shortages reduce classroom availability
- **Schedules:** School, sports, and jobs conflict with class times



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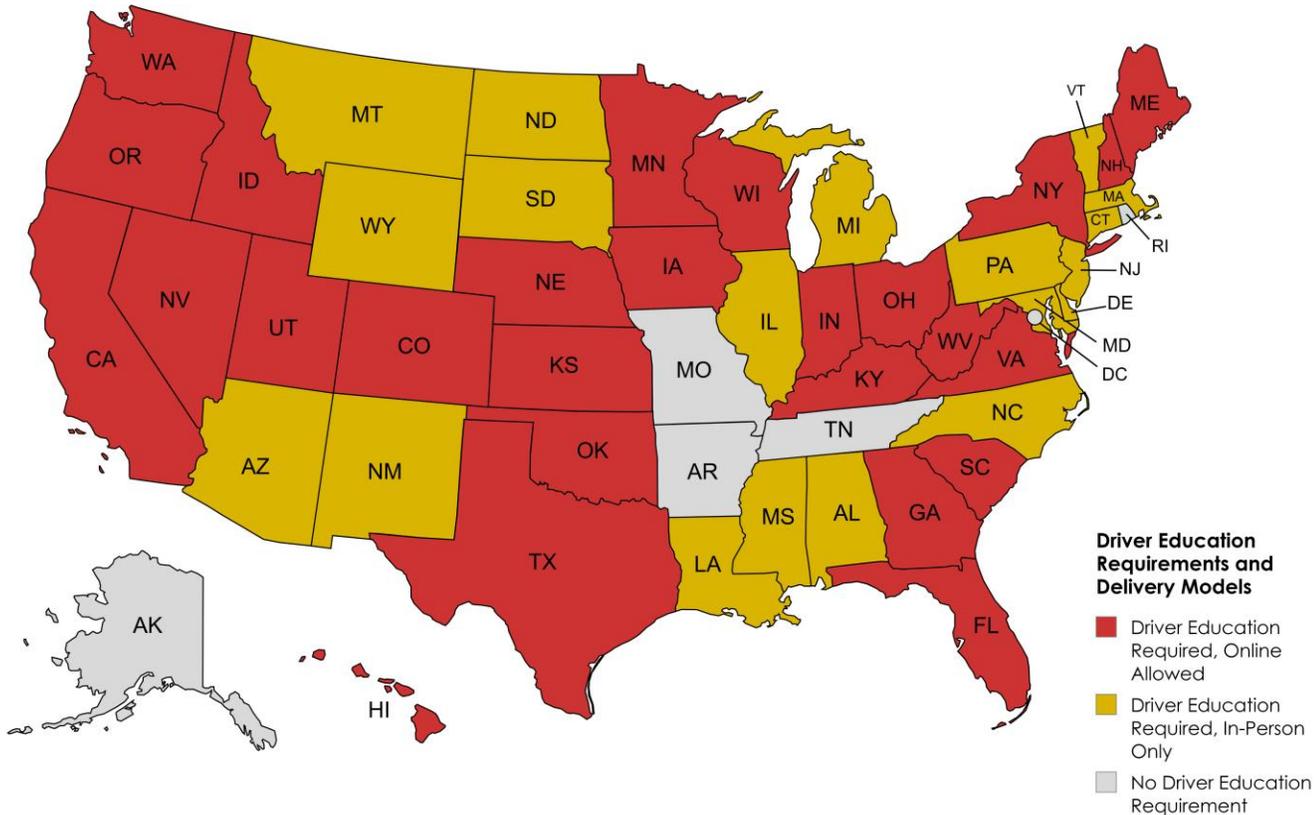
Modernizing the Delivery, Not the Standards

- Online driver education alternative to the classroom portion
- Mandatory Behind-the-Wheel (BTW) training with certified instructors remains unchanged

**More students participating in driver education =
Safer Drivers and Safer Roads**



States that Allow Online Driver Education



- 26 states allow online driver education for novice drivers in some form (19 use AAA HTD)
- Idaho:
 - ~3% annual growth in participation since online launch in 2009
 - No reduction in classroom enrollment
- Maine:
 - More than half of schools offer blended online option
 - Approx. 13,000 graduates annually using AAA curriculum



Research and Outcome Data

- **US Department of Education: Evaluation of Evidence-Based Practices in Online Learning**
 - On average, students in online learning conditions performed moderately better than those receiving face-to-face instruction
 - <https://www.ed.gov/media/document/evaluation-of-evidence-based-practices-online-learning-meta-analysis-and-review-of-online-learning-studies-revised-september-2010-107159.pdf>
- **Changing Course: Ten Years of Tracking Online Education in the United States**
 - 2,800 academic leaders
 - 77% rated online learning outcomes as equal to or better than traditional classroom instruction
 - <https://eric.ed.gov/?id=ED541571>



Impact on Driving Schools

How Will Online Driver Education Effect Schools?

- 80% of driving schools reported increased or stable enrollment
- 78% reported stable or increased revenue
- 83% reported no reduction in instructor staffing
- 75% support online instruction after implementation

**Instructors can shift from lecturing to high-priority
Behind-the-Wheel training – increasing capacity**



Online Learning in Vermont

Online Learning is Already Mainstream in VT

- Vermont Virtual Learning Cooperative (K-12)
- Community College of Vermont – online programs
- Champlain College Online
- Vermont Law & Graduate School
- State-accepted online boater and snowmobile safety courses



State Testimonials

Audra Urie, Idaho Department of Education, Director of Driver Education: *“Since starting online courses in Idaho (2009) we have had a growth of students taking driver education (approximately 3% annually) who would have delayed licensing because of availability to a program and scheduling. The number of students taking classroom courses has remained the same and we are adding more students to the program with the choice of online programs.”*

Christopher Ireland, Director, Driver License Services, Maine Bureau of Motor Vehicles: *“Since starting blended online courses in 2020, Maine BMV has heard from a number of students and parents regarding the convenience and the quality of the online course. Our students have also been very successful when re-joining in the classroom for their final written exam, thanks to the combination of AAA curriculum and virtual delivery method. We have an excellent professional relationship with AAA and they go above and beyond assisting our agency if we have questions or need a report to assist a school with questions. More than half of our schools in Maine are offering the blended option of learning providing the online AAA How to Drive course. Maine driver education businesses produce roughly 13,000 graduates per year using the AAA courseware.”*



AAA How to Drive Curriculum

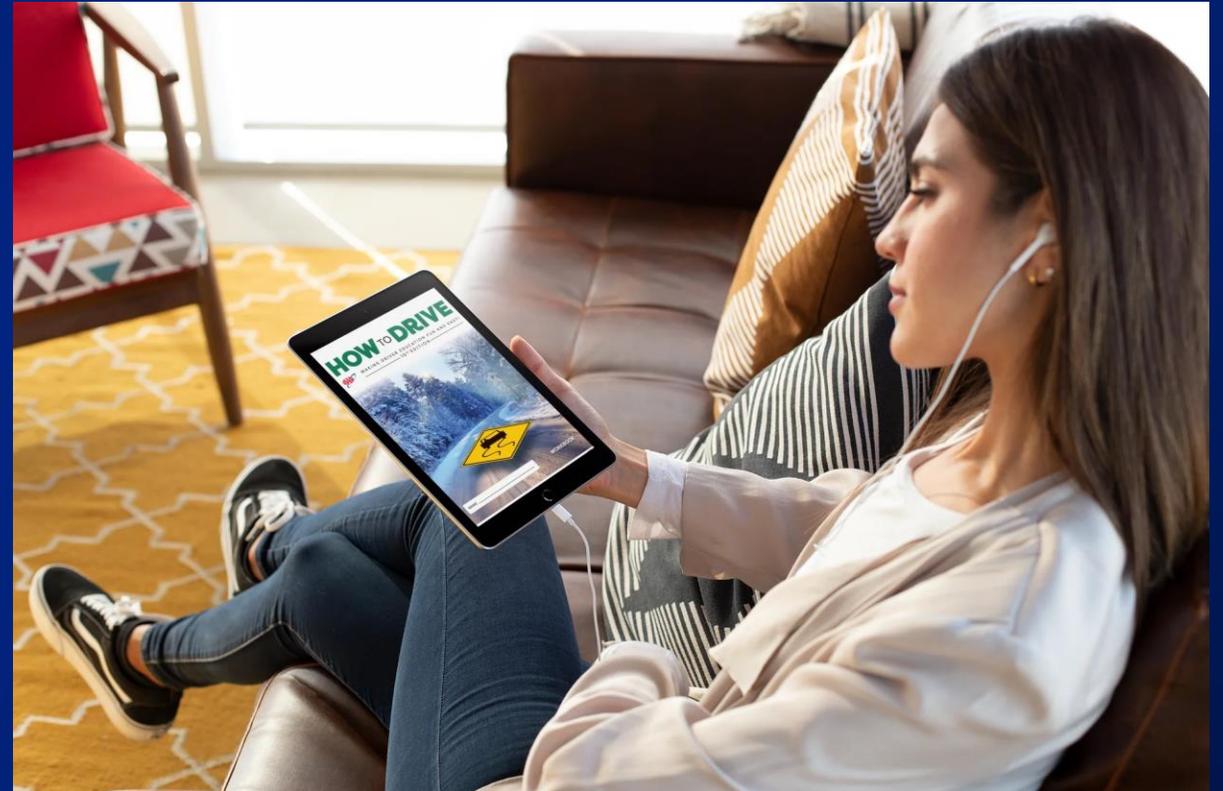
- **AAA How to Drive Online** is the only online curriculum that meets the National Driver Education Curriculum Content Standards
- **AAA How to Drive Online** course can be customized by state with including messages from state officials. In Maine, there is a Driving in Maine module featuring Secretary of State Bellows





AAA How to Drive Curriculum

- **AAA How to Drive Online** is engaging, interactive and self-paced
- Provides technical and reporting support for driving schools and state agencies
- Find new - Widely used in states like Maine, with positive feedback from students and state agencies





AAA How to Drive Curriculum

Course Content: 19 chapters, introduction, and summary

- Managing Driving Time & Space
- Adverse Conditions & Driving Emergencies
- Aggressive Driving & Road Rage
- Alcohol-impaired Driving
- Vision and Perception
- Traffic Controls
- Night Driving
- Distracted and Drowsy Driving
- Slow Down-Move Over Laws and Best Practices
- Navigating Temporary Work Zones
- Safe Traffic Stops
- Roundabout Intersections
- Drugged Driving (special emphasis on marijuana and opioid use and impairment)
- Sharing the Road with Vulnerable Road Users (including pedestrians, motorcyclists, modern bike lanes and boxes, and The "Dutch Reach" Technique)
- The Lingering Effects of Driver Distractions
- The Zipper Merge Technique
- Eco Driving Techniques to Reduce Fuel Consumption and Impact on the Environment
- Driving in Different Environments and Conditions (e.g., snow, rural, mountain, and desert)
- Advanced Driver Assistance Systems (ADAS)/Vehicle Technologies, and Self-Driving Vehicles

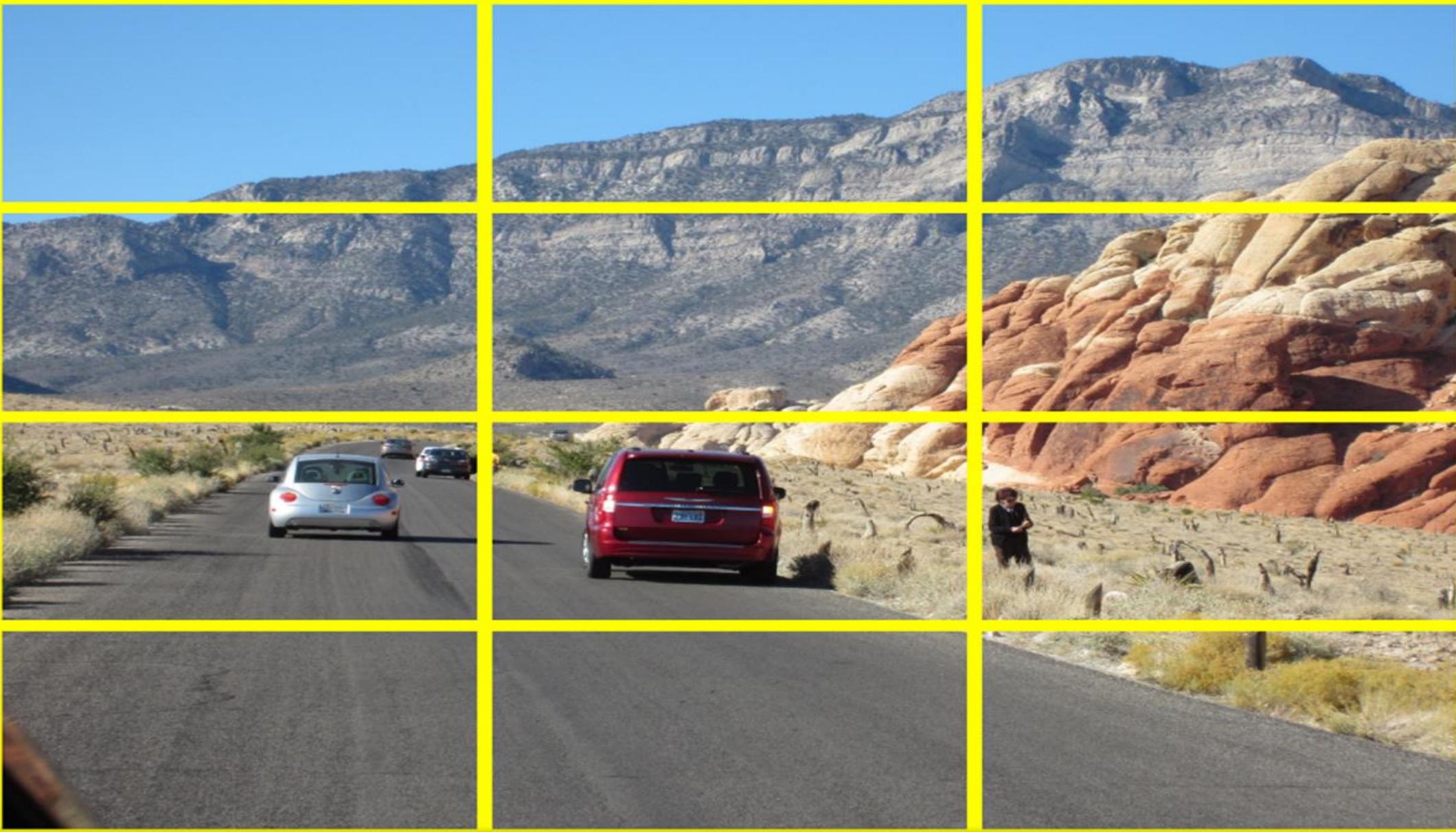


AAA How to Drive Curriculum

Student Experience Delivery

- Active interaction
- Video Based Simulations
- Embedded quizzes and feedback
- Comprehensive application of the latest on human learning





**Target
Zone**

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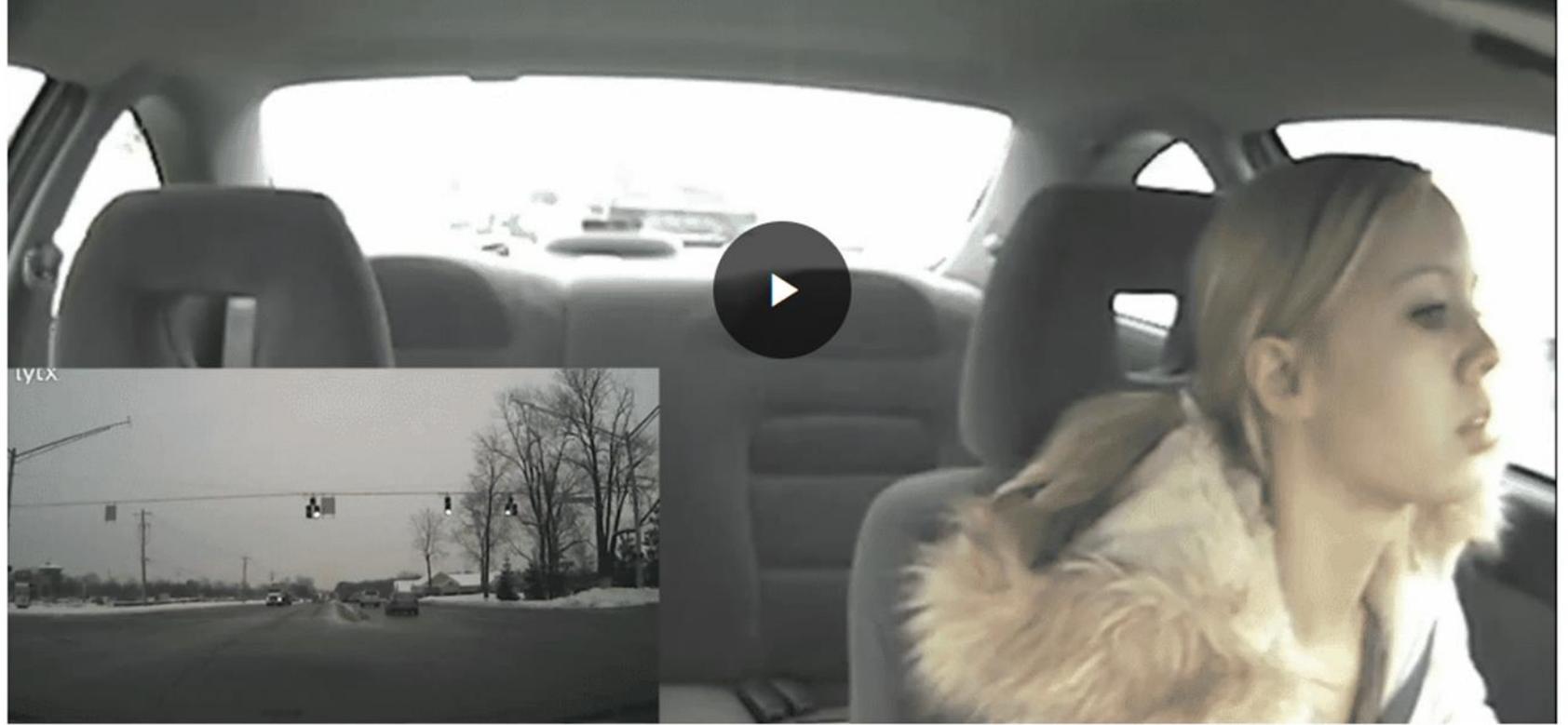
Submit

3
Attempt(s)
Remaining:



▼ BAMCAM ACTIVITY 1

☰ BamCam



How did the driver contribute to the crash? **Select all that apply.**

- She attempted to cut across traffic after her signal light turned yellow
- She failed to see the oncoming car before she started her left turn
- She seems to be following too closely—only about 2 seconds back



AAA How to Drive Curriculum

TargetZone Activity	✓
Chapter 1 Quiz	▶
DriverZED 1: Anticipating Hazards at Intersections	
Chapter 2	+
Chapter 3	+
Chapter 4	+
Chapter 5	+
Chapter 6	+
Chapter 7	+
Chapter 8	+
Chapter 9	+
Chapter 10	+
Chapter 11	+
Chapter 12	+
Chapter 13	+

2) New drivers tend to _____ the risks involved in driving on any road.

- Overestimate
- Underestimate
Correct.
- Fully understand
- Pay no attention to

3) Drivers should develop the habit of searching _____ seconds ahead along their intended path of travel for objects and conditions that could increase risk.

- 2 to 3
- 7 to 9
- 12 to 15
Incorrect
- 20 to 30
(This is the correct answer.)

4) Approximately what percentage of crashes are caused by driver error?

- 33
- 50
- 67
- 90
Correct.



Knowledge Check

The video listed two main benefits of safety belts—what were they? **Select all that apply.**



To keep you from getting whiplash



Prevent occupants from being ejected in a crash



Slow the rate at which the occupants move forward in a collision



Correct

If you are ejected or thrown from a vehicle in a crash, your injuries could be much worse if you aren't properly belted. For example, if you are unbelted and experience a rollover crash, your risk of dying is about 90 times worse, compared to if you had your safety belt on.

TAKE AGAIN





AAA How to Drive Curriculum

Valuable Components

- Printable Student Workbook
- Parent Coaching Guide
 - Driving Log



HOW TO DRIVE ONLINE

COACHING YOUR NEW DRIVER

An In-Car Guide for Parents

DOs	DON'Ts
Share your driving wisdom and experience!	Don't take the same route twice; use a slightly different route each time.
Stay cool when your teen says "Don't yell at me!"	Don't view your teen as your chauffeur—they need your eyes, attention and coaching.
Drive in different conditions (weather, lighting, road type)	Don't focus too much on basic maneuvers (steering, etc.); 1-year teens will pick those up quickly.
Aim for attentiveness—pretend there's a cup of water on the dash and you don't want to spill a drop.	Don't say too much, but offer immediate feedback when appropriate; debrief fully after the session.
Take breaks—every 25 minutes or so, and discuss progress.	



KEYS TO SAFETY

- Drive the way you want your teen to drive —be a good role model.
- Let them sleep! Biologically, teens need about 9½ hours of sleep daily.
- Adopt a Parent-Teen Driving Agreement.
- When you are coaching your teen, say aloud the actual and potential (hidden) hazards along the road.
- Visit AAA's Keys2Driver website at TeenDriving.AAA.com.

START SMART... Take the StartSmart Online Parent workshop, visit TeenDriving.AAA.com





Testimonies

Comments from Maine Students and Parents

- Doing it self-paced was great.
- Online Course worked for me because I could do it on my own.
- Online lessons were interactive.
- Online class helped me play sports with no conflicts.
- Online was great if after school things came up - didn't conflict with anything.
- Comprehensive
- Self-paced
- The breakup of in-person and online made it easier to understand all the information being given.
- The online course simulations are helpful.
- Online courses provided flexibility while teaching important lessons.
- Self-paced and very informative.
- Positive experience



Conclusion

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