### Driver Education Classroom and In-Car Curriculum

#### Unit 12





# **Unit 12 The Effects of Fatigue and Emotions on Driving** This page left blank.

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#### Overview, Objectives and Words to Know

#### **Unit 12 Introduction** Lesson Content



#### Overview

Unit 12 will have the new driver explore the effects of fatigue, drowsy driving and the impact of emotions on one's driving ability. The consequences of drowsy driving and prevention techniques will be discussed. Students will learn actions to take to control emotional responses that occur when driving and learn the characteristics of aggressive driving and road rage and the different types and degrees of aggression.



#### **Objectives**

The student will:

- 1. Describe the causes of fatigue and how it affects a driver's abilities.
- 2. Describe the kinds of emotions that can affect driving behavior and examine the effects of emotions on driving.
- 3. Describe aggressive driving and road rage characteristics and the different types and degrees of aggression.
- 4. Develop strategies for anger management and for responding to aggressive driving and road rage.
- 5. Define key words associated with the unit objectives.



#### Words to Know

- Aggressive driving
- Epic aggression
- Fatigue
- Quiet aggression
- Road rage
- "Rush-in" area
- "Total aggression" area
- Verbal aggression
- "Violence" area

Unit 12 Int	<b>Lesson Overview</b> Time Frame – 3 hours	
	Teacher Information and Resources	
Slides	Slides 12.1 – 12.30	
Videos	12.1 Breakin Nite (7 minutes 36 seconds)	
	12.3 Cage the Rage (4 minutes 33 seconds)	
Video	12.1 Video Review: Breakin Nite	
Review	12.3 Video Review: Cage the Rage	
Fact Sheets	12.1 The Causes and Effects of Fatigue	
	12.2 Emotions that Can Affect Driving Behavior	
	12.3 Aggressive Driving and Road Rage	
	12.4 Strategies for Anger Management and Responding to Aggressive Driving and Road Rage	
	12.5 Words to Know Definitions Page	
Worksheets	12.1 How Sleepy Are You? Questionnaire	
	12.3 How Aggressive Are You? Questionnaire	
	12.6 Words to Know Matchup	
Learning Activities	12.0 Key Words – Word Wall	
Textbooks	Preferred Textbook: HOW to DRIVE Chapter 13	
	Other Textbooks: <u>Drive Right</u> : Chapter 6	
	Responsible Driving: Chapters 2, 16 and 17	
	Other Textbook:	
Unit 12 Test	Unit 12 Test – The Effects of Fatigue and Emotions on Driving – 10 questions	

#### **Unit 12 Activity Key Words** Lesson Content



#### **♦** Unit Objectives:

<b>Lesson Content</b>	Materials and Resources
<ul> <li>Learning Activity 12.0         Throughout the instruction of Unit 12, conduct learning activity to help students with vocabulary and spelling of key words.     </li> </ul>	Materials and Resources  Learning Activity 12.0: Key Words – Wor Wall

#### **Learning Activity 12.0**

Key Words – Word Wall



Topic

Word Wall

#### Information

Students begin to assimilate a new language in driver and traffic safety education. Some words are familiar, but others are new. The use of a word wall helps students with vocabulary and spelling as well as provides students with a tool for reference without "giving away" answers.

#### **Materials Needed**

- 1. Make word cards out of paper, poster board, or card stock cut in strips.
- 2. Markers in various colors.
- 3. A space to post words (i.e., bulletin board).
- 4. Tape or stapler and staples to affix cards on the word wall.



#### **Learning Activity**

- 1. As the instructor introduces new words in a unit, the instructor should post these words on the word wall
  - a. The instructor should remind students to use the words on the wall for recall and correct spelling.
  - b. When an instructor poses a question and a student correctly answers the question, the instructor should allow that student to make a word strip and post the strip in the designated location on the word wall. Because this is new learning, recalling words are part of the learning process.
  - c. Students often enjoy decorating their word with a particular flair, color, or design.
- 2. Words may remain posted for just the unit or remain posted throughout the course.

#### Unit Objectives and the Causes and Effects of Fatigue

Part 1

Lesson Content



#### Lesson Objective:

Student will describe the causes of fatigue and how it affects a driver's abilities.

#### **Lesson Content**

#### **Materials and Resources**

#### **Unit Objectives**

> Slides 12.1 and 12.2

Give an overview of what students should know and be able to do by the end of this unit.

➤ Slides 12.1 and 12.2: Title and Objectives



#### **Fatigue**

➤ Video Review 12.1

Duplicate and distribute Video Review 12.1. Students should complete the worksheet as they watch the video.

Slides 12.3 and 12.4 - Video 12.1

Discuss the topics covered in Video 12.1. Play Video 12.1.

Breakin' Nite

(Time: 7 minutes 36 seconds)

After viewing, review Video Review 12.1 to gauge student understanding of the video.

➤ Video Review 12.1 and Answer Key: Breakin' Nite

➤ Slides 12.3 and 12.4: Video 12.1 Breakin' Nite





#### The Causes and Effects of Fatigue

Video Overview 12.1



Video Overview 12.1: Breakin' Nite

#### **Title**

Breakin' Nite

#### Time

7 minutes 36 seconds

#### **Topics Covered**

- 1. How much sleep a person needs to be alert.
- 2. Real stories of drivers who were in a crash because they fell asleep while driving.
- 3. Ways to prevent fatigue and delay fatigue symptoms.

#### Video Review

- 1. Have students complete a video review worksheet as they watch the video.
- 2. After viewing the video, review the worksheet to gauge students' understanding of the video.

#### **Instructor Notes**

The C	The Causes and Effects of Fatigue  Video Review 12		
	Video Review 12.1: Breakin' Nite		
Name		Date	
1.	Who is portrayed as being sleep deprived	l in the video?	
2.		by driver fatigue?	
3.	What should a driver do if s/he notices an	ny sign of fatigue while driving?	
4.	What can increase alertness for a few hor periods of time?	urs, but drivers should not rely on it for long	
5.	How many hours of sleep should teens as	nd young adults get each night?	

#### The Causes and Effects of Fatigue

Video Review 12.1 **ANSWER KEY** 

#### Video Review 12.1: Breakin' Nite ANSWER KEY

1. Who is portrayed as being sleep deprived in the video?

Answer: Young people

2. How many crashes each year are caused by driver fatigue?

Answer: 100,000 crashes

3. What should a driver do if s/he notices any sign of fatigue while driving? Answer: Pull off the road at a safe location, take a 15-20 minute nap

4. What can increase alertness for a few hours, but drivers should not rely on it for long periods of time?

Answer: caffeine (coffee)

5. How many hours of sleep should teens and young adults get each night?

Answer: 9 hours

The	Causes and Effects of Fatigue	Part 1 continued Lesson Content
	Lesson Content	Materials and Resources
<u>Fatig</u>	<u>sue</u>	
<b>&gt;</b>	Fact Sheet 12.1	➤ Fact Sheet 12.1: The Causes and Effects of Fatigue
	Duplicate and distribute Fact Sheet 12.1 for students to use as a resource and study guide.	of rangue
>	Slide 12.5	➤ Slide 12.5: Causes of Fatigue
	Discuss the definition and causes of fatigue.	Causes of Fatigue Physical or montal wearness  Fryncia film Maria ditan Mandonov hake liness  Lack of sleep Sun glare Overealing Dase-Open Compartment  Mandonov hake liness  Warm Dase-Open Compartment  Mandonov hake liness
>	Slide 12.6	➤ Slide 12.6: Effects of Fatigue
	Discuss the effects of fatigue and how drowsiness can affect every process involved in safe driving.	Effects of Fatigue  Impairs reaction time, judgment and vision Impairs senses and abilities  May not see objects clearly or in a timely manner  May miss critical information – signs, lights and sounds  Takes longer to process information or make decisions
>	Slide 12.7	➤ Slide 12.7:Risks of Drowsy Driving
	Discuss the risks of drowsy driving and how driving while drowsy increases the chance of a collision dramatically.	Risks of Drowsy Driving  One of the leading causes of traffic crashes admit to having fallen asleep at the wheel  Drivers may experience short bursts of sleep or fall asleep for long periods Increases the chance of a collision dramatically

#### The Causes and Effects of Fatigue

Fact Sheet 12.1

Content Information

#### Causes and Effects of Fatigue

Fatigue - Physical or mental weariness that can be caused by strain, repetitive tasks, illness or lack of sleep

#### Causes of fatigue

- Physical strain (hard work)
- Mental strain (stress) Monotonous tasks (long driving trips)
- Illness
- Lack of sleep
- Sun glare
- Overeating
- Riding in a warm passenger compartment

#### Effects of fatigue

- Impairs reaction time, judgment and vision
- Impairs the senses and abilities
- May not see objects clearly or in a timely manner
- May miss critical information signs, lights and sounds
- Takes longer to process information or make decisions

#### Risks of drowsy driving

Drowsy driving is one of the leading causes of traffic collisions. The NHTSA estimates that 100,000 police-reported crashes year are the result of drowsy driving. According to the National Sleep Foundation's *Sleep in America* poll, more than one third (36 percent or 103) million people) admit to having actually fallen asleep at the wheel. Drivers may experience short bursts of sleep lasting only a few seconds or fall asleep for longer periods of time. Either way, the chance of a collision increases dramatically.

The Causes and Effects of Fatigue	Part 1 continued  Lesson Content
Lesson Content	Materials and Resources
<u>Fatigue</u>	
<ul> <li>Slide 12.8</li> <li>Discuss who is most at risk for drowsy driving.</li> </ul>	Slide 12.8: Who is Most at Risk for Drowsy Driving?  Who is Most at Risk for Drowsy Driving?  One place of Drowsy Driving?
<ul> <li>Slide 12.9</li> <li>Discuss the warning signs of fatigue and what to do at the first sign of fatigue.</li> </ul>	Slide 12.9: Fatigue Warning Signs  Fatigue Warning Signs  Heavy eyelids  Yawning repeatedly or rubbing eyes  Daydreaming Trouble remembering miles driven Trouble keeping head up Orifting from lane, following too closely or hitting a shoulder rumble strip Restless and irritable

#### The Causes and Effects of Fatigue

Fact Sheet 12.1

Content Information

#### Who is Most at Risk for Drowsy Driving and Warning Signs of Fatigue

#### Drowsy driving - who is most at risk?

- Drivers who are:
  - Sleep deprived
  - Driving long distances without rest breaks
  - Driving through the night or at other times when they are normally asleep
  - Taking medicine that increases sleepiness
  - Driving alone
  - Driving on long, rural, boring roads
  - Frequent travelers, e.g. business travelers
- Drivers with undiagnosed or untreated sleep disorders
- Young drivers
- Shift workers
- Commercial drivers

#### Fatigue warning signs:

- Difficulty focusing, frequent blinking or heavy eyelids
- Yawning repeatedly or rubbing eyes
- Daydreaming; wandering/disconnected thoughts
- Trouble remembering the last few miles driven; missing exits or traffic signs
- Trouble keeping head up
- Drifting from your lane, following too closely or hitting a shoulder rumble strip
- Feeling restless and irritable

If you notice any signs of fatigue, stop driving and go to sleep for the night or take a 15-20minute nap

The Causes and Effects of Fatigue	Part 1 continued Lesson Content
<b>Lesson Content</b>	Materials and Resources
<u>Fatigue</u>	
> Slide 12.10	➤ Slide 12.10: Preventing Drowsiness Before a Trip
Discuss ways to prevent drowsiness before a trip.	Preventing Drowsiness Before a Trip  Get adequate sleep — 8 to 9 hours  Prepare route to identify total distance, stopping points and other logistics  Drive with a passenger  Avoid medications that cause drowsiness
> Slide 12.11	➤ Slide 12.11: Maintaining Alertness While Driving
Discuss how to maintain alertness while driving.	Maintaining Alertness While Driving  • Wear sunglasses • Avoid heavy foods • Be aware of down time during the day • Drive with a passenger and take turns • Take periodic breaks • Take a rap if needed • Consume caffeine – do not rely on it
> Slide 12.12	➤ Slide 12.12: Ineffective Actions
Discuss ineffective actions to prevent drowsy driving.	Ineffective Actions  "Toughing it out"  Playing the radio loudly Driving at a faster or slower speed Chewing gum Opening the windows
> Slide 12.13	➤ Slide 12.13: Rest is the Key
Emphasize that rest is the key to preventing drowsy driving and explain how to safely stop and rest from driving.	Rest is the Key  Find a populated, lighted area Stop where security is present or as far off the highway as possible Open windows slightly Lock all doors and turn off engine Turn on parking lights After resting, get out and walk a few minutes before driving

#### The Causes and Effects of Fatigue

#### Fact Sheet 12.1 continued

Content Information

#### **Preventing Drowsiness and Maintaining Alertness**

#### Preventing drowsiness before a trip:

- Get adequate sleep adults need 8 to 9 hours to maintain alertness
- Prepare route carefully to identify total distance, stopping points and other logistic considerations
- Drive with a passenger
- Avoid medications that cause drowsiness

#### Maintaining alertness while driving:

- Protect yourself from glare and eyestrain with sunglasses
- Avoid heavy foods
- Be aware of down time during the day
- Have another person ride with you, and take turns driving
- Take periodic breaks about every 100 miles or 2 hours during long trips
- Stop driving and get some rest or take a nap
- Consume caffeine can increase awareness for a few hours, but do not drink too much. It will eventually wear off. Do not rely on caffeine to prevent fatigue.

#### **Ineffective actions:**

- "Toughing it out"
- Playing the radio loudly
- Driving at a faster or slower speed
- Chewing gum
- Opening the windows

#### Rest is the key:

It is usually not a good idea to sleep in a vehicle at the side of the road, but there may be times when it is safer than continuing to drive. If you must stop along the side of the road:

- Find a populated, lighted area
- Stop where security is present or make sure you are as far off the highway as possible
- Open windows slightly, but not enough to allow entry from outside
- Lock all doors and turn off the engine
- Turn on parking lights and turn off other electrical equipment
- After you rest, if safe, get out of the vehicle and walk a few minutes before driving, sleeping for more than 20 minutes can make you groggy for at least 5 minutes after awakening

The Causes and Effects of Fatigue	Part 1 continued  Lesson Content
Lesson Content	Materials and Resources
<u>Fatigue</u>	
➤ Worksheet 12.1	➤ Worksheet 12.1: How Sleepy Are You?
Duplicate and distribute Worksheet 12.1. Have students complete the questionnaire to measure their general level of daytime sleepiness.	
After completion, tell the students, if their total is 10 or higher, they should consider discussing these results with their physical or other health care provider.	

#### **Worksheet 12.1** The Causes and Effects of Fatigue How Sleepy Are You? Questionnaire Name Date Use this questionnaire from the National Road Safety Foundation to measure your general level of daytime sleepiness. Answers are rated on a reliable scale called the Epworth Sleepiness Scale (ESS). Each item describes a routine situation. Use the scale below to rate the likelihood that you would doze off or fall asleep during that activity. 0 2 3 Slight chance of Would never doze Moderate chance of High chance of dozing dozing dozing Sitting & reading chance of dozing Watching television chance of dozing Sitting inactive in a public place, for example, a theater or meeting chance of dozing As a passenger in a car for an hour without a break chance of dozing Lying down to rest in the afternoon chance of dozing Sitting & talking to someone chance of dozing In a car, while stopped in traffic chance of dozing Sitting quietly after lunch (when you've had no alcohol) chance of dozing

If your total is 10 or higher, consider discussing these results with your physician or other health care provider. Keeping a sleep diary for two weeks or longer can help you identify behaviors that might contribute to your fatigue. Source: The National Road Safety Foundation

The Causes and Effects of Fatigue	Part 1 continued Lesson Content
Lesson Content	Materials and Resources
<u>Fatigue</u>	
Class Discussion  Discuss how to determine if you are at risk for drowsy driving before you drive.	➤ Fact Sheet 12.1: The Causes and Effects of Fatigue

#### The Causes and Effects of Fatigue

Fact Sheet 12.1 Content Information

#### Are You at Risk?

Before you drive, consider whether you are:

- Sleep-deprived or fatigued (6 hours of sleep or less triples your risk)
- Suffering from sleep loss (insomnia), poor quality sleep, or a sleep debt
- Driving long distances without proper rest breaks
- Driving through the night, mid-afternoon or when you would normally be asleep
- Taking sedating medications (antidepressants, cold tablets, antihistamines)
- Working more than 60 hours a week (increases your risk by 40%)
- Working more than one job, and your main job involves shift work
- Driving alone or on a long, rural, dark or boring road
- Flying, changing time zone?

#### **Emotions that Can Affect Driving Behavior**

Part 2

Lesson Content



#### **Lesson Objective:**

Student will describe the kinds of emotions that can affect driving behavior and examine the effects of emotions on driving

examine the effects of emotions on o	driving.
Lesson Content	Materials and Resources
<b>Emotions</b>	
> Fact Sheet 12.2	➤ Fact Sheet 12.2: Emotions that Can Affect Driving Behavior
Duplicate and distribute Fact Sheet 12.2 for students to use as a resource and study guide.	
<ul><li>Class Discussion</li></ul>	Chalkboard / dry-erase board
Ask the class to create a list of emotions that affect driving and discuss how those do affect driving. Use chalkboard or dryerase board to create list.	
➤ Slide 12.14	➤ Slide 12.14: Effects of Emotions
Discuss the effects that emotions have on the body.	Effects of Emotions  Interfere with your ability to think Create mental distractions Increase risk taking Heartbeat increases Breathing quickens Feeling of exhaustion
➤ Slide 12.15	➤ Slide 12.15: Controlling Emotions
Discuss how to control emotions before getting behind the wheel.	Controlling Emotions  Identify situations that cause emotional stress Expect other drivers to make mistakes Understand that emotions are contagious Delay driving when upset or ask someone else to drive

#### **Emotions that Can Affect Driving Behavior**

Fact Sheet 12.2

Content Information

#### **Emotions**

#### **Emotions that affect driving:**

- Anger
- Anxiety
- Joy, happiness
- Fear
- Hate
- Grief
- Love

#### **General effects of emotions:**

- Interfere with your ability to think
- Create mental distractions
- Create inattentiveness
- Can cause you to act out your emotions
- Increase risk taking
- Create a lack of concentration
- Interrupts ability to process information

#### Physical effects of emotions:

- Heartbeat increases
- Breathing quickens
- Digestion slows
- Palms sweat
- Feeling of exhaustion
- Physical stress

#### **Controlling emotions:**

- Understand one's emotional makeup
- Identify situations that cause emotional stress
- Expect other drivers to make mistakes
- Understand that emotions are contagious
- Direct emotions toward actions, not individuals
- Delay driving when upset
- If upset, ask someone else to drive



<b>Emotions that Can Affect Driving Beha</b>	Part 2 continued Lesson Content
Lesson Content	Materials and Resources
<b>Emotions</b>	
<ul><li>Class Discussion</li></ul>	➤ Chalkboard / dry-erase board
Have the class generate a list of ways that passengers can affect a driver. Use chalkboard or dry-erase board to generate list.	
> Slide 12.16	➤ Slide 12.16: Passengers and Emotions
Discuss how passengers can influence the way a driver thinks and what the driver can do to not let passengers affect the driver.  Discuss how passengers can help the driver maintain control while driving by taking actions to prevent aggressive driving or speeding.	Passengers and Emotions  Take responsibility for safety of passengers  Do not let peer pressure allow you to take more risk  Do not get into argument with other passengers

#### **Emotions that Can Affect Driving Behavior**

**Fact Sheet 12.2 continued** Content Information

#### **Passengers and Emotions**

In a vehicle, passengers can influence the way a driver thinks, feels and drives.

- When you are the driver, you need to take responsibility for the safety of your passengers
- Do not let peer pressure or group pressure allow you to take more risk
- Do not get into an argument or discussion with other passengers while driving, which may cause you to become upset

Passengers can help the driver maintain control while driving by taking actions to prevent aggressive driving or speeding.

- Avoid distracting or upsetting the driver
- Discourage the driver from driving recklessly
- Do not encourage the driver to speed or drive in a reckless manner
- Praise the driver for doing a good job in a difficult situation

#### **Aggressive Driving and Road Rage**

Part 3

Lesson Content



#### Lasson Objective:

Duplicate and distribute Video Review 12.3. Students should complete the worksheet as they watch the video.  Slides 12.17 and 12.18 – Video 12.3  Discuss the topics covered in Video 12.3.  Play Video 12.3.  Cage the Rage  (Time: 4 minutes 33 seconds)  After viewing, review Video Review 12.3, using Answer Key to gauge student understanding of the video.  Ask students if they have ever been in a	<b>Lesson Content</b>	Materials and Resources
Duplicate and distribute Video Review 12.3. Students should complete the worksheet as they watch the video.  Slides 12.17 and 12.18 – Video 12.3  Discuss the topics covered in Video 12.3.  Play Video 12.3.  Cage the Rage  (Time: 4 minutes 33 seconds)  After viewing, review Video Review 12.3, using Answer Key to gauge student understanding of the video.  Ask students if they have ever been in a	ggressive Driving	
Discuss the topics covered in Video 12.3.  Play Video 12.3.  Cage the Rage  (Time: 4 minutes 33 seconds)  After viewing, review Video Review 12.3, using Answer Key to gauge student understanding of the video.  Ask students if they have ever been in a	Duplicate and distribute Video Review 12.3. Students should complete the	Video Review 12.3 and Answer Key: Cage the Rage
Play Video 12.3.  Cage the Rage  (Time: 4 minutes 33 seconds)  After viewing, review Video Review 12.3, using Answer Key to gauge student understanding of the video.  Ask students if they have ever been in a		the Rage
12.3, using Answer Key to gauge student understanding of the video.  Ask students if they have ever been in a  Cage the Rage Video Review  1. How many accidents nationwide involve some type of aggressive driving? 2. List some of the consequences of aggressive driving discussed in the video.	Cage the Rage (Time: 4 minutes 33 seconds)	The topics covered in this video include:  - Who is an aggressive driver?  - The consequences of aggressive driving.  - Real stories about aggressive driving situations.  - How to avoid aggressive driving.
road rage.  4. What are some times you can do to prevent aggressive driving?  Shallis AB	<ul><li>12.3, using Answer Key to gauge student understanding of the video.</li><li>Ask students if they have ever been in a situation involving aggressive driving or</li></ul>	Video Review  1. How many accidents nationwide involve some type of aggressive driving?  2. List some of the consequences of aggressive driving discussed in the video.  3. Describe some situations discussed in the video that let to aggressive driving?  4. What are some things you can do to prevent aggressive driving?

#### **Aggressive Driving and Road Rage**

#### Video Overview 12.3



Video Overview 12.3: Cage the Rage

#### **Title**

Cage the Rage

#### **Time**

4 minutes 33 seconds

#### **Topics Covered**

- 1. Who is an aggressive driver?
- 2. The consequences of aggressive driving.
- 3. Real stories about aggressive driving situations.
- 4. How to avoid aggressive driving.

#### Video Review

- 1. Have students complete a video review worksheet as they watch the video.
- 2. After viewing the video, review the worksheet to gauge students' understanding of the video.

#### **Instructor Notes**

Aggr	Aggressive Driving and Road Rage Video Review 12.3						
	Video Review 12.3: Cage the Rage						
Name		Date					
1.	How many accidents nationwide involve some type of aggressive driving?						
2.	List some of the consequences of aggressive driving discussed in the video.						
3.	Describe some situations discussed in the	e video that led to aggressive driving?					
4.	What are some things you can do to prev	rent aggressive driving?					

essive Driving and Road Rage	Video Review 12.3 ANSWER KEY			
Video Review 12.3: Cage the Rage ANSWER KEY				
	Date			
How many accidents nationwide involve <i>Answer: One-half</i>	some type of aggressive driving?			
List some of the consequences of aggressive driving discussed in the video.  Answer: Motor vehicle crash leading to death or injury, jail sentence, fines				
Describe some situations discussed in the video that led to aggressive driving? Answer: Retaliating against another driver who did something wrong or made the driver mad (driver threw eggs at another vehicle as a prank). Mother trying to get to the pharmacy for medication for daughter's ear infection and pulled-over for speeding. Driver becomes impatient because driver in front of him/her is going the speed limit, but s/he is used to driving over the speed limit and wants to get around him/her.				
What are some things you can do to preve Answer: Be calm and careful, avoid aggreyourself extra time	ent aggressive driving? essive driving, stay on the road safely, give			
	How many accidents nationwide involve Answer: One-half  List some of the consequences of aggress Answer: Motor vehicle crash leading to describe some situations discussed in the Answer: Retaliating against another drive mad (driver threw eggs at another vehicle pharmacy for medication for daughter's ed Driver becomes impatient because driver s/he is used to driving over the speed limit. What are some things you can do to preve Answer: Be calm and careful, avoid aggress.			

Aggressive Driving and Road Rage		Part 3 continued  Lesson Content	
<b>Lesson Content</b>		Materials and Resources	
Agg	ressive Driving		
>	Fact Sheet 12.3	➤ Fact Sheet 12.3: Aggressive Driving and Road Rage	
	Duplicate and distribute Fact Sheet 12.3 for students to use as a resource and study guide.		
>	Slide 12.19	➤ Slide 12.19: Aggressive Driving	
	Discuss the definition and examples of aggressive driving.	Aggressive Driving Occurs when a driver operates a whicle in a pushy or bold manner, without regard for others safety	
	Ask if anyone knows someone or has driven with someone who has been an aggressive driver.	Special speed limit  Following speed limit  Following too closely  Making improper improper turns and maneuvers	
>	Slide 12.20	➤ Slide 12.20: Road Rage	
	Discuss the definition and examples of road rage.	Road Rage Occurs when a driver uses the vehicle or some other weapon to threaten or cause harm to another roadway user in response	
>	Class Discussion	Throwing objects at a vehicle Yelling at a specific roadway user	
	Discuss the formula for road rage and how our society has normalized this behavior.	Attempting to ram another vehicle  Man 52.75  Man	
>	Slide 12.21	➤ Slide 12.21: Types of Aggression	
	Describe the three types of aggression.	Types of Aggression  • Verbal – yelling, cussing, gesturing, honking, insulting  • Quiet – complaining, rushing, competing, resisting by not letting others in  • Epic – cutting off, blocking, chasing, physically fighting, shooting	

#### **Aggressive Driving and Road Rage**

Fact Sheet 12.3

Content Information

#### **Aggressive Driving and Road Rage**

**Aggressive driving** – occurs when a driver operates a vehicle in a pushy or bold manner, without regard for others' safety. Examples of aggressive driving include:

- Exceeding the speed limit
- Following too closely
- Failing to obey traffic controls
- Making improper turns and maneuvers

**Road rage** – occurs when a driver uses the vehicle or some other weapon to threaten or cause harm to another roadway user in response to a traffic incident with the intent to harm others. Road rage is an escalation of emotions generally ignited by aggressive driving behaviors. Examples of road rage include:

- Throwing objects at a vehicle
- Yelling at a specific roadway user
- Attempting to ram another vehicle

#### Formula for road rage:

This formula comes into play when we look at how our society has normalized disrespectful and hostile behavior. When these elements are added to our roadways that contain more cars, less space and more driver interactions, the result is a social normalization of behaviors that are more aggressive and violent in nature.

#### **Types of aggression:**

- Verbal aggression: yelling, cussing, gesturing, honking, insulting (aggressive driving)
- Quiet aggression: complaining, rushing, competing, resisting by not letting others in (aggressive driving)
- Epic aggression: cutting off, blocking, chasing, physically fighting, shooting (road rage)

Aggressive Driving and Road Rage	Part 3 continued Lesson Content	
Lesson Content	Materials and Resources	
Road Rage		
> Slides 12.22 through 12.24  Discuss different degrees of aggressive driving behaviors and characteristics of each.	Slides 12.22 through 12.24: Do You Drive Aggressively?  Do You Drive Aggressively?  The "sub-in" area repair in your way a road sign and requisitors are for other drivers  Do You Drive Aggressively?  The "total aggression" area of constantly required and criticizing other drivers  Countage the total aggression" area of countage the drivers  Countage to deep entry into lane of the countage of the	

#### **Aggressive Driving and Road Rage**

#### Fact Sheet 12.3

#### Content Information

#### **Aggressive Driving and Road Rage**

#### Degrees of aggression

#### 1. The "rush-in" area (aggressive driving)

- Constant rushing and lane jumping is your style.
- Others are just in your way. Get ahead.
- Ignore road signs and regulations. They are for other drivers.
- Driving with distraction, low alertness, inattention.

#### 2. The "total aggression" area (aggressive driving)

- Constantly ridiculing and criticizing other drivers to self or passengers.
- Closing gap to deny entry into lane.
- Giving the "look" to show disapproval.
- Speeding past another car, revving engine.
- Prevent others from passing you.
- Tailgating to pressure a driver to go faster or get out of your way.
- Fantasizing physical violence.
- Honking, yelling through the window.
- Making visible insulting gestures.

#### 3. The "violence" area (road rage)

- Carrying a weapon, just in case.
- Deliberately bumping or ramming another vehicle.
- Trying to run a car off the road to punish.
- Getting out of the car, beating or battering someone.
- Trying to run someone down.
- Shooting at another car.
- Thoughts of killing someone.

Aggressive Driving and Road Rage	Part 3 continued Lesson Content	
<b>Lesson Content</b>	Materials and Resources	
Aggressive Driving		
	Materials and Resources  > Worksheet 12.3: How Aggressive Are You?	

Aggressive Driving a	Worksheet 12.3				
How Aggressive Are You? Questionnaire					
Name Date					
Use this questionnaire from the <i>National Road Safety Foundation</i> to measure how aggressive you or someone you know is while driving. For each behavior or possible violation check the current action.					
	A's	B's	C's		
Seatbelts	always	sometimes	never		
Obeying Speed Limits	drives at limit	drives 10 mph over limit	drives 20 mph over limit		
At Stop Signs	comes to a complete stop	slowly rolls through	does not stop		
Frequent Lane Changes	never	rarely	very often		
Yellow Signal	slows/stops as appropriate	rolls through	speeds up and goes through		
Slow Driver in Front	changes lanes/ passes safely	changes lanes/ passes dangerously	tailgates		
Bad Weather Conditions	adjusts as necessary	drives at normal speed	drives too fast		
Mood While Driving	alm and patient	a little frustrated	screaming at others		
Lane Changing	always signals	sometimes signals	never signals		
Attention Span	maintains attention	generally good	distracted with other things		
Use of Headlights	at all times	for bad weather and darkness only	never		
Stopping at Red Lights	always	only when there is traffic	never		
Allowing Pedestrians to Cross	always	sometimes	never		
Faced with an Aggressive Driver	move out of way	proceed with caution	compete with driver		
When Parking	take up one spot	take up two spots	park horizontally		
Stopping to Talk to Other Road Users	never	sometimes, if they're cute	always (when they cut me off or get in the way)		
Your score is Mostly A's – You are a Duke Bugsky and you are OK  Mostly B's – You are a Big Sid which is unsafe and unacceptable					
Mostly C's – You are a Law Violator and will get pulled over by Trooper					

#### Strategies for Anger Management and Responding to **Aggressive Driving and Road Rage**

Part 4

Lesson Content



#### **Lesson Objective:**

Student will develop strategies for anger management and for responding to

Student will develop strategies for anger management and for responding to aggressive driving and road rage.			
Materials and Resources			
Fact Sheet 12.4: Strategies for Anger Management			
➤ Slide 12.25: Self-Imposed Anxieties			
Self-Imposed Anxieties  * "I am going to be late if I don't hurry up."  * "Why are these cars going so slow?"  * "We will never make it."  * "If only I had gone a little faster I could have made it."  * "Oh no. Red light!"			
➤ Slide 12.26: Dangerous Maneuvering			
Dangerous Maneuvering  - "All of these cars are trying to squeeze in!"  - "I have a lead foot!"  - "Ha! I will speed up and show him a lesson!"  - "Everyone else is speeding!"  - "Let's tailgate this car in front of me."  - "He's driving too slow!"			

### **Strategies for Anger Management and Responding** to Aggressive Driving and Road Rage

Fact Sheet 12.4 Content Information

### **Strategies for Anger Management**

### Anger is the basis for rage

The irrational actions of others create anger. There is potential for rage if a driver feels he/she has been violated or his/her safety has been threatened.

### Self-imposed anxieties and dangerous reactions/maneuvers

Anyone can enter a driving situation with varying amounts of anxiety which can negatively influence driving behavior. The idea is to recognize these thoughts and not allow them to influence his/her driving.

### Examples include:

- "I am going to be late if I don't hurry up."
- "Why are these cars going so slow?"
- "We will never make it."
- "If only I had gone a little faster I could have made it."
- "Oh no. Red light!"

### **Dangerous maneuvering includes:**

- "All of these cars are trying to squeeze in!"
- "I have a lead foot!"
- "Ha! I will speed up and show him a lesson!"
- "Everyone else is speeding!"
- "Let's tailgate this car in front of me."
- "He's driving too slowly!"

Strategies for Anger Management and I to Aggressive Driving and Road Rage	Responding Part 4 continued Lesson Content
<b>Lesson Content</b>	Materials and Resources
Strategies for Anger Management	
➤ Slide 12.27	➤ Slide 12.27: Reduce Stress
Discuss how to reduce stress when driving.	Reduce Stress  Leave plenty of time Orive posted speed limit Minimize distractions Don't drive when angry, upset or overly tired Alter schedule to avoid peak drive times Know where you are going Relax and concentrate on driving Be polite
> Slide 12.28	➤ Slide 12.28: Don't Trigger Aggression in
Discuss how not to trigger aggression in others.	Don't Trigger Aggression in Others  Reep as safe following distance Don't cut off other drivers Give others space to merge Reep right except to pass Do not drive in passing lane Use turn signals Avoid rude gestures Use horn sparingly

#### Strategies for Anger Management and Responding Fact Sheet 12.4 continued to Aggressive Driving and Road Rage Content Information

### **Strategies for Anger Management**

### Reduce your stress

- Leave plenty of time
- Drive the posted speed limit
- Minimize distractions: take out glasses, put purse/briefcase, phone away
- Don't drive when angry, upset or overly tired
- Alter your schedule to avoid peak drive times
- Monitor your physical / emotional condition. Loosen your grip on the wheel. Sit back.
- Know where you are going keep directions out. Know alternate routes.
- Relax and concentrate on driving
- Be polite

### Don't trigger aggression in others

- Keep a safe following distance from the car ahead. You will need the room if something unexpected happens.
- Don't cut off other drivers
- Leave plenty of room when merging
- Give others the space they need to merge safely. Don't "close the gap."
- Keep right except to pass
- Move right to let others pass
- Always use your turn signals before changing lanes
- Avoid gestures that might anger another driver
- Use your horn sparingly
- Do not park across multiple parking spaces or touch adjacent vehicles while parking or entering or exiting the vehicle
- When using high-beam headlights, return to using low-beam headlights as soon as you detect an oncoming vehicle

Strategies for Anger Management and Responding to Aggressive Driving and Road Rage  Part 4 continues to Aggressive Driving and Road Rage  Lesson Co			
<b>Lesson Content</b>	Materials and Resources		
Responding to Aggressive Driving and Road Rage			
Discuss how to deal with a driver who is angry and is driving aggressively.	Slide 12.29: Responding to Aggressive Drivers Out to Aggressive Drivers Out to their way Out the contact Out t		

#### Strategies for Anger Management and Responding Fact Sheet 12.4 continued to Aggressive Driving and Road Rage Content Information

### Responding to Aggressive Driving and Road Rage

### **Dealing with anger:**

Just like all other driving skills, containing or managing your anger on the roadway requires training and thought prior to engaging in the driving task. One should realize that responding to another driver's negative behavior can lead to a dangerous situation. Keep in mind that everyone makes errors in his/her driving.

### To deal with anger:

- Get out of his/her way
- Don't respond do not challenge him/her by speeding up or attempting to hold-yourown in your path of travel
- Don't engage avoid eye contact, which can sometimes anger an aggressive driver
- Ignore gestures and name calling refuse to return them
- Be tolerant and forgiving the other driver may be having a bad day and looking for a way to vent anger
- Be polite and courteous your behavior may help reduce the other driver's anger
- Do not get out of your vehicle
- Drive away from the area, if possible, drive to a public space, not home report serious road rage

### Part 6 **Unit Review and Test** Lesson Content



### **Lesson Objective:**

Student will evaluate their knowledge of the content presented in Unit 12 through review questions, key word matchup worksheet and unit test.

review questions, key word matchup worksneet and unit test.				
Lesson Content	Materials and Resources			
Review Questions				
> Review Questions	➤ Unit 12 Review Questions			
Ask review questions to summarize discussion on Unit 12.				

### **Unit 12 Review Questions**



1. Name two causes of fatigue.

Answer: Physical strain (hard work), mental strain (stress), monotonous tasks (long driving trips), illness, lack of sleep, sun glare, overeating, riding in a warm passenger compartment.

2. Name two effects of fatigue.

Answer: Impairs reaction time, judgment and vision, impairs your senses and abilities, may not see objects clearly or in a timely manner, may miss critical information, takes longer to process information or make decisions

3. What can you do to prevent drowsiness before a trip?

Answer: Get adequate sleep, prepare route carefully, drive with a passenger, avoid medications that cause drowsiness

4. What are two general effects of emotions?

Answer: See list on page 12-23.

5. What is the formula for road rage?

Answer: Cultural norms of disrespect, condoning hostility, more cars, less space and more interactions.

6. What is the difference between aggressive driving and road rage?

Answer: Aggressive driving occurs when a driver operates a vehicle in a bold or pushy manner by exceeding the speed limit, following too closely or failing to obey traffic controls. Road rage occurs when a driver uses the vehicle as a weapon or threatens another driver.

7. What are some ways to reduce stress when driving?

Answer: Leave plenty of time. Drive the posted speed limit. Minimize distractions. Don't drive when angry. Alter your schedule to avoid peak drive times. Monitor your physical / emotional condition. Know where you are going. Relax and concentrate on driving. Be polite.

8. What should you do when confronted by an aggressive driver? Answer: Get out of his/her way. Don't respond. Don't engage. Ignore gestures. Be tolerant and forgiving. Be polite and courteous. Do not get out of your vehicle. Drive away from the area.

Unit Review and Test	Part 6 continued Lesson Content
Lesson Content	Materials and Resources
Words to Know Review	
<ul> <li>Fact Sheet 12.6</li> <li>Duplicate and distribute Fact Sheet 12.6.</li> <li>Use the definitions page as a resource for teaching and for the students as a resource and study guide.</li> </ul>	Fact Sheet 12.6: Unit 12 Words to Know Definitions Page
<ul> <li>Worksheet 12.6</li> <li>Duplicate and distribute. Have students complete the worksheet.</li> <li>Review the answers.</li> </ul>	➤ Worksheet 12.6 and Answer Key: Unit 12 Words to Know Matchup

## **Unit 12 Words to Know Definitions Page**

# Fact Sheet 12.6 Content Information



**Aggressive driving** – occurs when a driver operates a vehicle in a pushv or bold manner, without regard for others safety

**Epic aggression** – a type of aggressive driving in which the driver cuts off, blocks, chases, fights, or shoots another driver

**Fatigue** – physical or mental weariness that can be caused by strain, repetitive tasks, illness or lack of sleep

**Quiet aggression** – a type of aggressive driving in which the driver complains, rushes, competes or resists with another driver

Road rage – occurs when a driver uses the vehicle or some other weapon to threaten or cause harm to another roadway user in response to a traffic incident with the intent to harm others

"Rush-in" area – a degree of aggressive driving in which the driver rushes constantly, lane jumps, believes others are in his/her way, ignores road signs and regulations, and drives with distraction

"Total aggression" area – a degree of aggressive driving in which the driver constantly ridicules and criticizes other drivers to self or passengers, closes a gap to deny entry into lane, gives a "look" to show disapproval, speeds past another car, tailgates, fantasizes about physical violence, honks, yells or makes visible insulting gestures

**Verbal aggression** – a type of aggressive driving in which the driver yells, cusses, stares, honks or insults another driver

"Violence" area – a degree of aggressive driving in which the driver carries a weapon, just in case, deliberately bumps or rams another vehicle, tries to run a car off the road, gets out of the car and hits someone, tries to run someone done, shoots at another car or thoughts of killing someone

Unit 12 Wo	rds to Know Matchup		Worksheet 12.6	
Name	Date			
	Directions: Match the clues on the left with the words in the list on the right. Place the matching letter in the blank to the left of the number.			
1.	A type of aggressive driving in which the driver complains, rushes, competes or resists with another driver	A.	Aggressive driving	
2.	A degree of aggressive driving in which the driver rushes constantly, lane jumps, believes others are in his/her way, ignores road signs and regulations, and drives with distraction	B.	Epic aggression	
3.	A type of aggressive driving in which the driver yells, cusses, stares, honks or insults another driver	C.	Fatigue	
4.	A type of aggressive driving in which the driver cuts off, blocks, chases, fights, or shoots another driver	D.	Quiet aggression	
5.	A degree of aggressive driving in which the driver carries a weapon, just in case, deliberately bumps or rams another vehicle, tries to run a car off the road, or uses a weapon	E.	Road rage	
6.	Occurs when a driver uses the vehicle or some other weapon to threaten or cause harm to another roadway user in response to a traffic incident with the intent to harm others	F.	"Rush-in" area	
7.	Physical or mental weariness that can be caused by strain, repetitive tasks, illness or lack of sleep	G.	"Total aggression" area	
8.	A degree of aggressive driving in which the driver constantly ridicules and criticizes other drivers to self or passengers, speeds past another car, tailgates, honks, yells or makes visible insulting gestures	Н.	Verbal aggression	
9.	Occurs when a driver operates a vehicle in a pushy or bold manner, without regard for others safety	I.	"Violence" area	

# **Unit 12 Words to Know Matchup**

Worksheet 12.6 ANSWER KEY

### ANSWER KEY

Directions: Match the clues on the left with the words in the list on the right. Place the

D1.	A type of aggressive driving in which the driver complains, rushes, competes or resists with another	A.	Aggressive driving
F2.	A degree of aggressive driving in which the driver rushes constantly, lane jumps, believes others are in hig/her ways ignores read signs and regulations, and	B.	Epic aggression
	his/her way, ignores road signs and regulations, and drives with distraction		
H3.	A type of aggressive driving in which the driver yells, cusses, stares, honks or insults another driver	C.	Fatigue
B4.	A type of aggressive driving in which the driver cuts off, blocks, chases, fights, or shoots another driver	D.	Quiet aggression
I5.	A degree of aggressive driving in which the driver carries a weapon, just in case, deliberately bumps or rams another vehicle, tries to run a car off the road, or uses a weapon	E.	Road rage
E6.	Occurs when a driver uses the vehicle or some other weapon to threaten or cause harm to another roadway user in response to a traffic incident with the intent to harm others	F.	"Rush-in" area
C7.	Physical or mental weariness that can be caused by strain, repetitive tasks, illness or lack of sleep	G.	"Total aggression" area
G8.	A degree of aggressive driving in which the driver constantly ridicules and criticizes other drivers to self or passengers, speeds past another car, tailgates, honks, yells or makes visible insulting gestures	Н.	Verbal aggression
A9.	Occurs when a driver operates a vehicle in a pushy or bold manner, without regard for others safety	I.	"Violence" area

<b>Unit Review and Test</b>	Part 6 continued Lesson Content
<b>Lesson Content</b>	Materials and Resources
<b>Unit Review and Test</b>	
➤ Slide 12.30	➤ Slide 12.30: Unit Review
Discuss what the students have learned by the end of this unit.	Unit 12 Review In this unit, you learned:  - The causes of fatigue and how it affects a driver's abilities  - The kinds of emotions that can affect driving behavior and the effects of emotions on driving  - Aggressive driving and road rage characteristics and the effect types and degrees of aggression  - State Lagrent and how to respond to aggression
> Reading Assignment	> Textbooks
Assign students the reading material for the next unit. Students might begin reading after they have completed the Unit 12 Test.	Preferred Textbook: HOW to DRIVE Chapter 17  • Other Textbooks:  - Drive Right: Chapter 18  - Other Textbook:
Duplicate and distribute the Unit 12 Test.  Collect and grade the test.  After returning tests to the students, review the answers and clarify any confusion.	> Unit 12 Test, page 12-50

### **Unit 12 Review**

### **Unit 12 Review**

In this unit, you learned:

- The causes of fatigue and how it affects a driver's abilities.
- The kinds of emotions that can affect driving behavior and the effects of emotions on driving.
- Aggressive driving and road rage characteristics and the different types and degrees of aggression.
- Strategies for anger management and how to respond to aggressive driving and road rage.
- Key words associated with the unit objectives.

**Unit 12 Test** 

et th	e best answer and place the appropriate letter (A, B, C, or D) on the line provided.
	1. What are some effects of fatigue?
	A. Takes longer to process information
	B. Impairs your senses and abilities
	C. Impairs reaction time, judgment and vision
	D. All of the above are effects
	2. Driving drowsy is an increasing problem. Drivers are more likely to become drow
	A. On high-speed, long, boring rural highways
	B. On low-speed city streets
	C. If they take several rest stops
	D. If they drive a short distance
	3. Emotions may affect a driver's ability to drive safely by:
	A. Creating mental distractions
	B. Increasing risk taking
	C. Creating a lack of concentration
	D. All of the above
	4. When a driver is feeling fatigued what should s/he do?
	A. Play the radio loudly
	B. Take a nap
	C. Alternate speed up and down
	D. Open the windows
	5. What type of driver is <u>least</u> at-risk for drowsy driving?
	A. A young driver
	B. A shift worker
	C. A driver with a passenger
	D. A commercial driver

The Effects of Fatigue and Emotions on Driving	Unit 12 Test Page 2
6. You can identify aggressive drivers by:	
A. Their increased risk-taking	
B. The color of their car	
C. The passengers in their car	
D. The slow speed they drive	
7. "Road Rage" means a driver loses control of his/her emotion another driver. How should you handle a situation of "road in the control of t	
A. Avoid these drivers if possible	
B. Stay in your car and lock the doors	
C. Leave the area if possible	
D. All of the above	
8. What are some effects of emotions?	
A. Interfere with your ability to think	
B. Make you a better driver	
C. Decrease risk taking	
D. Helps you process information quicker	
9. What is a driver error that may cause a negative reaction by	other drivers?
A. Letting another driver into a lane	
B. Moving over to the right lane	
C. Cruising in passing lanes	
D. Maintaining speed	
10. What can a driver do to reduce stress while driving?	
A. Drive during heavy rush hour traffic	
B. Leave early to allow plenty of time	
C. Talk on the phone while driving	
D. Drive 5 mph above the posted speed limit	

### **Unit 12 Test** The Effects of Fatigue and Emotions on Driving ANSWER KEY

### **Unit 12 ANSWER KEY**

1	D	6	A
2	A	7	D
3	D	8	A
4	В	9	С
5	С	10	В