

# Chapter 1



YOU ARE THE DRIVER

# Chapter 1.1



- EQ: What are some laws and regulations that are meant to keep drivers and pedestrians safe on the road?
- **Read Chapter 1.1**
- Risk – the chance of injuring people or causing damage
- Highway Transportation System – a system designed to move people and cargo from one place to another
- Roadway User – People who use the highway transportation system

# Chapter 1.1



- The key to becoming a safe driver is to learn about the risks of driving and how to manage them.
- A safe driver is responsible for: passengers, other roadway users and self.
- The primary purpose of the highway transportation system (HTS) is to move people and cargo safely and efficiently.
- People who use the HTS by walking, driving or riding are called roadway users.

# Chapter 1.1



- Vehicles – range from mopeds to tractor trailers
  - You must learn how to share the roads with other vehicles
- Roadways – a skillful driver is alert to the different driving situations and know how to react to each one
- The most important element in the regulation of HTS is the driver who obeys the traffic laws.
- Federal, state and local government agencies work together to regulate HTS
- National Highway Safety Act is safety guidelines established by the federal government

# Chapter 1.1



- **Driving Task** – all the skilled actions a driver must take to drive a vehicle safely
- **National Traffic and Motor Vehicle Safety Act** – is a law that requires auto makers to include **certain safety features** in each vehicle

# Pg. 5 (1-4) Answers Only



1. List the parts and purpose of the HTS.
2. Explain how the HTS is regulated.
3. Describe the purpose of the National Highway Safety Act and how it affects states and local governments.
4. Explain the purpose of the National Traffic and Motor Vehicle Safety Act and how it helps keep drivers and passengers safe.

Read Chapter 1.2

# Chapter 1.2



- EQ: What are some common interactions among drivers?
- IPDE process – Identify, Predict, Decide, Execute
- Zone Control System – managing space around your car
- Low risk driving – you will constantly monitor other vehicles and roadway users around you, and you will not assume other will do what you think they should do. This enables you to avoid hazards.

# Chapter 1.2



- In order to perform the driving task with **low risk**, you must:
  - Use knowledge and visual skills
  - Judging speed, time and space
  - Anticipate how your car will respond under ordinary and emergency conditions
  - **Decision Making** is the most important thing in safe driving



# Chapter 1.2



- IPDE Process
- <http://www.youtube.com/watch?v=fxXseHLZ450>
  - Identify – look ahead and locate hazards
  - Predict – you judge or foresee where a possible conflict may occur
  - Decide – make your decision on what action you will take in order to be a safe or low risk driver
  - Execute – performing the action, such as accelerating or braking in order to avoid a collision

## Pg. 7 (1-4) Answers Only



1. How do mental, social and physical habits help you in the driving task?
2. Describe a driving situation where you might need to apply mental skills.
3. Describe a driving situation where you might need to apply social skills.
4. Explain how to use the IPDE process in the driving task.

Do on the same page as pg. 5, turn in  
Read Chapter 1.3 and 1.4

# Chapter 1.3



- EQ: What costs do you think are associated with driving a car?
- **Collision – crash, happens when a vehicle hits another object, whether the object is moving or not.**  
Law says any driver in a collision must stop.
- Operating Cost – cost for fuel, oil, tires, etc.
- Fixed Cost – purchase of your car, licensing fees and your insurance.

# Chapter 1.4



- EQ: “43% of teenage motor vehicle deaths are between 9:00 pm and 6:00 am.” Why do you think this is true?
- Graduated Driver Licensing Program – requires young drivers to progress through a series of steps to reach the level of full-privilege driver.

# Chapter 1.3



- The leading cause of death among young people is **motor vehicle collisions**
- **Driver error (mistakes) are the most common cause** of most vehicle collisions
- Most collisions have several causes: should have braked, accelerated, steered differently, etc.
- **Most states have laws requiring drivers to be financially responsible so drivers can pay for property damage and injuries they may cause to other people**



- Burning fuel affects the environment because it gives off Carbon Monoxide
- If you refuse to take a state administered alcohol test, you will lose your license for one year for each refusal according to the implied consent law

# Review



- **With a partner**
  - Read Lesson Summaries on Pg. 15
  - Do Chapter Vocabulary (Answers only) on Pg. 15
  - Do Preparing for the Test (Answers only) on Pg. 17
- **Check for correct answers**
- **Test Tomorrow over all of Chapter 1**