Drivers Education—Mr. Muckey
(Drive Right—Pearson-11th Edition)

**Chapter 1—You are the Driver**

1.1—You are a part of the System---

The Highway Transportation System(HTS) is the most complex of transportation systems--
 —3 components
 1. Roadway Users— who---includes pedestrians, drivers, passengers

 Be aware of risks and how to reduce them—What Risks

 What should drivers do or not do?

 2. Vehicles—what vehicles, wide range of sizes/types

 How does size and weight change how to drive/risk?

 3. Roadways—what kinds, wide range

 What roadways do we encounter here?

The purpose of the HTS----move people and cargo from one place to another in a safe and efficient manner.”

The Federal, State, and Local levels of agencies work together to perform regulatory duties of the HTS.

Two Federal Laws that establish vehicle and highway safety:

1. The National Highway Safety Act—Establishes guidelines for motor vehicle safety including vehicle registration, driver licensing, traffic courts and highway construction/maintenance.
2. The National Traffic and Motor Vehicle Safety Act—requires certain safety features to be installed in vehicles.
What are some safety items that are pretty much in all vehicles today?

**1.2 Your Driving Task**

To reduce risk driving a vehicle you must do the following **tasks**

 Use knowledge and visual skill

 Judge speed, time and space

 Anticipate how your vehicle will respond under a variety of conditions—ordinary/emgergency

3 types of skills necessary to safely operate a vehicle involve the following combination. These skills help you and others reduce risk.

 **Mental** –safe driving involves good judgement and an alertness/attentiveness to look for every changing situations. Your goal should be to protect you, your passengers, and all those around your vehicle in another vehicle for walking.

 **Social**—You need social skills to help you deal with other people on the road. Some may be courteous, some aggressive. Safety requires calm and patience.

 **Physical**---Operating a vehicle requires physical coordination of acceleration, braking, steering, shifting, scanning mirrors/other vehicles.

What is the **IPDE Process—**acronym—identify, predict, decide, execute.(This is important to reduce risk) You not only after to operate your vehicle safely but be very aware of all vehicles/objects around you.

<https://www.youtube.com/watch?v=HzR3dI3UyTc> (2 Minutes) IPDE

 Identify information as it relates to the driving situation

 Predict problems/conflicts/areas of trouble

 Decide how to compensate speed, communicate, re-position

 Execute—make a correct choice to reduce risk be safe.

Video Emphasizing IPED: <https://www.youtube.com/watch?v=DLvcmO2kwvg> (20 minutes) situations.
Zone Control System helps you manage space around your vehicle

**1.3 Your Driving Responsibilities**

**Understand Driving is a privilege—You must earn this privilege—**with privilege there is responsibility. These involve legal, financial, environmental.

1. Legal---You are responsible to obey traffic laws.

Collisions—A crash, hitting another vehicle/object moving or not. You must stop if you have a collision. Motor vehicle crashes are the most common cause of death for those age 15-24.

1. Financial--
Operation Costs—fuel, oil, tires, repairs

Fixed Costs—purchase, licensing, insurance—ther if you drive the vehicle or not.

Crash Costs—You are responsible if you cause a crash—Driver error is the most common cause. Liability, Collison, Comprehensive—Auto Insurance.

1. Environmental—traditional vehicles cause a certain amount of pollution—how do we reduce pollutions?

BE RESPONSIBLE AND RATIONAL—SHOW RESPECT FOR ALL. AVOID HIGH RISK BEHAVIOR FOR THE SAFETY OF ALL. PRACTICE COURTESY-SELF CONTROL.

Purpose of the drivers license program is to make sure only safe drivers are on the road.

Graduate Driver Licensing Program(GDL)—States use a series of licensing stages to gain their operators permit with full privilege.

Organ Donor Programs---You should discuss this with your family---

Implied Consent Laws-----If you are stopped for potential drinking and driving, you consent to an alcohol drug test. If you refuse you lose your license.

Did you know?

1. Your parents can take your license away up to your 18th birthday?
2. The state can also take your license away from you for a traffic violation?
3. You are responsible for everything that goes on in the vehicle you are driving.
	1. Is everyone in a seatbelt? If you are under 18 it is a primary offense and you can be stopped for not having your seatbelt on and you can get stopped if passenger don’t have their seatbelt on as well.
	2. If someone brings alcohol or drugs into the vehicle you are driving—the alcohol and drugs are yours.
	3. Always protect yourself!!



* <http://www.youtube.com/embed/rgN8MOrss40?rel=0> self driving car
Is this safe?---New Developments in Driving
* <https://www.youtube.com/embed/oFkw5JFOmHk> slow down
Some of these scenes are graphic accidents.