



THE Keystone

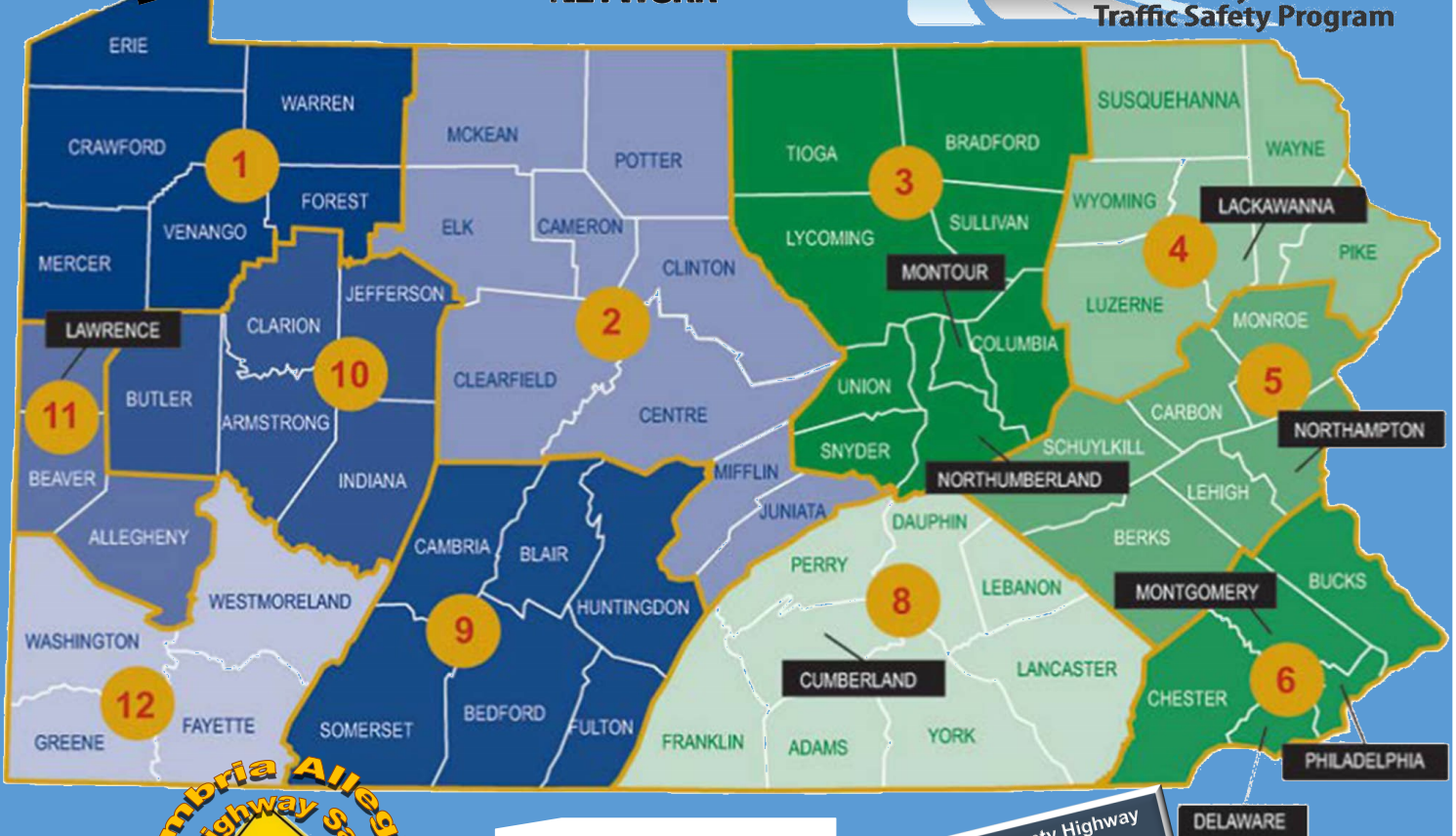
CTSP

Newsletter

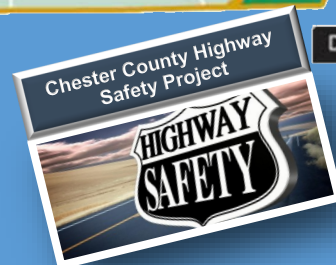
ISSUE 4



HIGHWAY SAFETY NETWORK



South Central PA Highway



Made Possible Through a Grant From:



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This Issue

Hello to all. We hope that you and your families are doing well. We all find ourselves continuing to slowly navigate through these uncertain events, and realize that a return to “normal” for many things is still a bit distant. In some ways, things haven’t changed much as new uncertainties present themselves.

We look to the beginning of a new school year with the important focus on safe driving behaviors to protect students. Information reminding drivers of school bus and school zone safety as well as awareness of student pedestrians are at the heart of safety programs during this time of year.

A spotlight should be made to those teen drivers returning to class and travelling to school, practices, and various events. Factors to consider are: the lapse in their driving time between the shutdown of schools in March and subsequent return, the hiatus of in-car driving programs and in some cases driver ed classes, and the modifications in license testing.

As driver education and community safety programs continue in a state of flux, and as pointed out previously, an approach targeted to safety programs becoming more involved with mentor drivers using involvement with schools (both with and without driver education programs), provides the opportunity to interact with teachers and focus on novice drivers while also providing their parents or guardians with standardized resources and the approved Perceptual Program.

The parent/guardian education resources produced by the Novice Driver Statewide Program are completed and ready to be released for use by CTSP offices. These can be used in a traditional public presentation form or through the web-based platforms that we’ve become familiar with over the past few months. Links to these will be sent to your offices that will allow internet access.

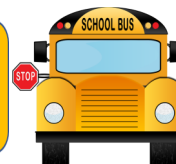
Our series titled; “Your Teen Driver” is based on the NDSP maxim of “Be Ready, Be Safe, Be Responsible”, provides instructional segments for mentor drivers on GDL, the Perceptual Driving Program, including the distracted driving/driver and occupant protection segments, procedures for a standard driving routine, and information on SWPBIS and driver education.

These are available as PowerPoint shows and PDF documents. Corresponding manuals accompany each segment.

As we anticipate a new grant in the coming year, we will be continuing our research and expanding the NDSP to more SWPBIS schools. Following this first set of educational resources, a series of in-car lesson sources for mentor drivers will be produced, as well as spotlighting the novice driver decision making process. Instruction and workshops for CTSP that cover the Perceptual and Driver Proficiency Programs are also included in this mix.

As always, stay safe.

BE READY, BE SAFE, BE RESPONSIBLE



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Lessons and Hints to Work With Your New Teen Driver

These resources are based on a behind the wheel program that is used by trained driver education teachers.

Purposes:

- to give adults supervising practice driving with a teen driver, an orderly, standard routine.
- to provide objectives and methods similar to those used by in-car driving instructors that may:
 - reduce stressful situations for adult and teen.
 - reduce risk by allowing the teen driver to gradually progress through skill levels and driving environments.

Lessons and Hints to Work With Your New Teen Driver

I. PA Graduated Driver Licensing, Traffic Laws, and Risk Reduction



Part 1

Be Ready, Be Safe, Be Responsible

II. YOUR TEEN DRIVER : PRE-ENTRY PROCEDURES

Lessons and Hints to Work With Your New Teen Driver

Part 2




Be Ready, Be Safe, Be Responsible

III. YOUR TEEN DRIVER: ENTRY & PRE-DRIVE

Lessons and Hints to Work With Your New Teen Driver

Part 3



Be Ready, Be Safe, Be Responsible

IV. PERCEPTUAL DRIVING FOR PARENTS / GUARDIANS

Lessons and Hints to Work With Your New Teen Driver

Part 4



Be Ready, Be Safe, Be Responsible

Be Ready, Be Safe, Be Responsible

IV. PERCEPTUAL DRIVING FOR PARENTS/GUARDIANS SECTIONS 2 & 3: DISTRACTED DRIVING & PROTECTION FROM INJURY-SEATBELTS AND RESTRAINTS



Your New Teen Driver: From the Perceptual Driving Curriculum



Be Ready, Be Safe, Be Responsible

V. YOUR TEEN DRIVER : STARTING & MOVING

Lessons and Hints to Work With Your New Teen Driver

Part 5



Your New Teen Driver

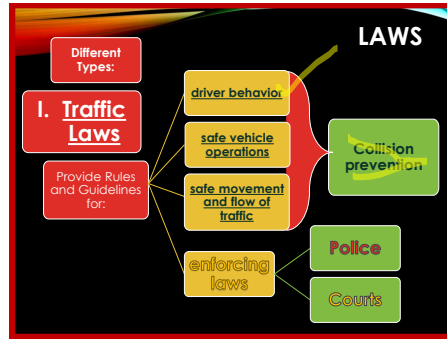


Lessons and Tips to Work With Your New Teen Driver

I. PA Graduated Driver Licensing, Traffic Laws, and Risk Reduction

Part 1

Be Ready, Be Safe, Be Responsible



ADMINISTRATIVE LAWS

POINT SYSTEM FOR VIOLATIONS

SUSPENSIONS AND REVOCATIONS

CERTIFICATE OF TITLE

OWNERSHIP

DRIVER'S LICENSE

VEHICLE REGISTRATION

INSURANCE PROOF

DOCUMENTS THAT YOU ARE REQUIRED TO HAVE AT ALL TIMES WHEN DRIVING

PA LICENSING

LAWS AND RISK REDUCTION

FACTORS THAT PUT TEEN DRIVERS AT RISK:

- Inexperience
- Driving with teen passengers
- Not using seat belts
- Distracted driving
- Nighttime driving
- Reckless, impaired, or dragsy driving

STEPS TAKEN TO COMBAT THESE FACTORS: GRADUATED DRIVER LICENSING (GDL)

Adopted by PA in 1999

Helps new drivers gain skills under lower-risk conditions

Three-stage system:

- Stage 1: Learner's permit
- Stage 2: Junior license (provisional license)
- Stage 3: Unrestricted license

PA GDL LEARNER'S PERMIT

STAGE 1

Learner's Permit

- issued to applicants who are at least 16 years of age and
- have successfully completed a physical examination,
- vision screening, and
- driving knowledge test.

PA GDL-JUNIOR LICENSE

STAGE 2

JUNIOR LICENSE - AFTER PASSING THE DRIVING TEST, ALLOWS UNSUPERVISED DRIVING WITH RESTRICTIONS:

- NO NIGHTTIME DRIVING BETWEEN 11 P.M. AND 5 A.M.
- NUMBER OF PASSENGERS MUST NOT EXCEED THE NUMBER OF SEATBELTS IN THE VEHICLE.
- PASSENGER RESTRICTIONS: NO MORE THAN ONE (1) PASSENGER UNDER THE AGE OF 18 WHO IS NOT AN IMMEDIATE FAMILY MEMBER UNLESS ACCOMPANIED BY DRIVER'S PARENT/GUARDIAN.
- AFTER 6 MONTHS ON A JUNIOR LICENSE, THE LIMIT IS INCREASED TO NO MORE THAN 3 PASSENGERS UNDER THE AGE OF 18 WHO ARE NOT IMMEDIATE FAMILY MEMBERS UNLESS ACCOMPANIED BY ONE OF YOUR PARENTS.

PA GDL-UNRESTRICTED LICENSE

STAGE 3

Unrestricted License

- Issued at age 18 -
- Unlimited driving privileges to teens who have progressed through the graduated system and have a history of safe driving.

Unrestricted license before age 18:

- crash- and conviction-free for 12 months
- completed an approved driver's education course
- submit special form DL-55 to PennDOT with a certificate of completion from an approved driver's education course.
- An affidavit of consent from a parent, guardian, person in loco parentis or spouse who is at least 18 years of age must also be provided.

GETTING YOUR JUNIOR LICENSE

PA LICENSING

TAKING THE ROAD TEST

Vehicle Controls:

- Operate horn, all lights, windshield wipers, parking brake, 4-way flashers, defroster, etc.
- Failure to operate any of the vehicle controls will result in a failure of the Road Test.

Parallel Park:

- Park your vehicle midway between two uprights in a space that is 24 feet long and eight (8) feet wide.
- Your entire vehicle must be completely inside the space
- You have one attempt to park using no more than three adjustments.

TAKING THE ROAD TEST

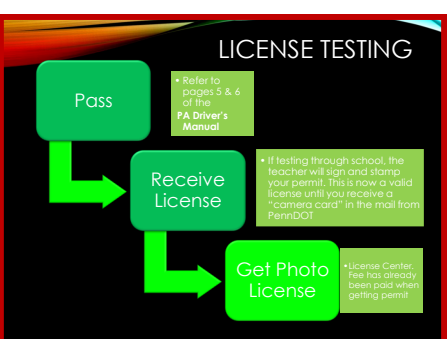
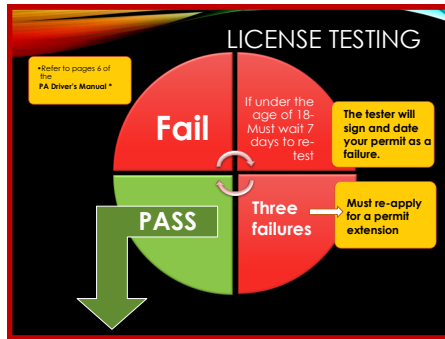
The examiner is the only passenger during the test.

- Gives directions where to drive and what maneuvers to make.
- Make notes on vehicle control, using turn signals or any other vehicle controls that may be necessary during the test.

Unable to operate any vehicle controls

- Violating any traffic laws (failing to obey a stop sign, speeding)
- Driving dangerously or recklessly
- Making errors in safe driving practices
- Failing to follow instructions
- Causing a crash
- Not using turn signals

= FAIL



- Segment I contains:
- Traffic and administrative laws
 - Graduated Driver Licensing
 - PA driver license testing



Your New Teen Driver

II. YOUR TEEN DRIVER : PRE-ENTRY PROCEDURES

Lessons and Hints to Work With Your New Teen Driver

Part 2



Be Ready, Be Safe, Be Responsible

DRIVING PROCEDURES

What are Driving Procedures ?

- They are:
 - A series of specific tasks,
 - done in an order that
 - become an efficient routine to help reduce risk before or during driving.
- Meant to develop regular good habits,
- They lead to constant, specific outcomes.

Be Ready, Be Safe, Be Responsible

START SIMPLE

An old saying states the need to learn to crawl before you can walk. That approach works for driving too.

Don't take the "sink or swim" approach by overwhelming the new driver by putting them (and you) in situations that the driver (and you) are not able to deal with yet.

Driving skills are developed by:

- starting with simple tasks in simple driving areas, then,
- eventually moving on to more complex tasks and areas.

WORK SLOWLY

With 65 hours of practice required, give the new driver time to understand and perform. Practices should not be more than 30 to 45 minutes each.

Anything over an hour could become tiring and stressful to you both, increasing risk.

REPEAT, REPEAT, REPEAT

Be Ready, Be Safe, Be Responsible

DRIVING PROCEDURES

Tell the student driver:

EXACTLY

What you want them to do

Where you want them to go

BEFORE you want them to do it

Be Ready, Be Safe, Be Responsible

PRE-ENTRY: BEFORE GETTING IN THE CAR

Start with:

- A "walk around" of the car-
 - Make specific observations of the vehicle for damage or other problems which may prevent safe operation.

• Quick and Efficient

Be Ready, Be Safe, Be Responsible

PRE-ENTRY CHECKS

CHECK AROUND THE OUTSIDE OF THE VEHICLE

Vehicle Condition

- Glass-Mirrors, Windows, Lights, Wipers
 - Broken
 - Dirty
 - Clear of ice, snow, frost, mud, grime-(PA Law)
- Body
 - Damage while parked
 - Exhaust
 - Clear of snow-(PA Law)
- Fluid Leaks
 - Coolant
 - Brake Fluid
 - Oil
- Tires
 - Direction
 - Condition



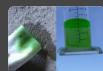
Be Ready, Be Safe, Be Responsible

VEHICLE CONDITIONS

Fluid leaks- these leaks can affect vehicle operation

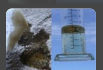
A. Coolant -

- Front of vehicle-could indicate a bad radiator hose or leaking radiator
- Tell by the smell and color-fluorescent green or orange



B. Gasoline-

- Rear or along one side- could indicate leaking fuel line
- Tell by the smell-



C. Brake fluid-

- Usually along the driver side-could indicate leaking brake lines
- Clear yellowish



D. Oil-

- Beneath the engine area-could indicate bad gaskets, leaking oil pan
- Black



E. Transmission Fluid

- Beneath engine-indicates bad gaskets
- Red



Segment II contains:

- Pointers for teaching in-car lessons to a new driver
- A listing of pre-entry procedures
- A checklist of potential vehicles problems to check for before driving



Your New Teen Driver

III. YOUR TEEN DRIVER: ENTRY & PRE-DRIVE

Lessons and Hints to Work With Your New Teen Driver

Part 3

Be Ready, Be Safe, Be Responsible

ENTRY

LOOK

- for small children / animals around or near the car.

Be Ready, Be Safe, Be Responsible



PREPARING TO DRIVE

- The Basics: Adjust the Seat
<https://youtu.be/Ct4iugfz-ug>
- The Basics: Adjust the Steering Wheel
<https://youtu.be/eAlbwVE9mG0>

PRE-START PROCEDURES

- Lock the Doors
- Place key in ignition.
- Adjust in this order
 - seat & head restraint
 - steering wheel, pedals (if pedals are adjustable)
 - mirrors
- Adjust inside and outside mirrors for maximum field of view.
- Fasten and adjust safety belt and make sure all passengers buckle up.

Be Ready, Be Safe, Be Responsible

MIRROR SETTINGS

One way to combat the problems caused by the traditional mirror setting is to adjust the mirrors to what is known as...

Blind-Spot Glare Reduction

Be Ready, Be Safe, Be Responsible

ENHANCED-(B.S.G.R) SETTING

Segment III contains:

- Information entry procedures
- Preparing to drive habits
- Pre-start procedures
- Mirror settings



IV. PERCEPTUAL DRIVING FOR PARENTS / GUARDIANS

Lessons and Drills to Work With Your New Teen Driver

Part 4

Be Ready, Be Safe, Be Responsible

PERCEPTUAL DRIVING PROGRAM

GOALS OF THE PROGRAM

- Learn effective and efficient perceptual driving skills
- Learn how to make proper responses to problem traffic situations once they are identified and evaluated

Be Ready, Be Safe, Be Responsible

Habits to Improve Perception

EYE HABITS FOR VEHICLE CONTROL-PATH OF TRAVEL

- Multiple Targets
- Targets change with vehicle movement
- Eyes move ahead with the vehicle - Don't stare at one spot

Be Ready, Be Safe, Be Responsible

Habits to Improve Perception

SCAN THE SCENE AHEAD

- Search 20 to 30 seconds ahead
- Search from side to side

Be Ready, Be Safe, Be Responsible

IV. PERCEPTUAL DRIVING FOR PARENTS/GUARDIANS SECTIONS 2 & 3:

DISTRACTED DRIVING & PROTECTION FROM INJURY-SEATBELTS AND RESTRAINTS

Be Ready, Be Safe, Be Responsible

Distracted Driving and Cell Phones

Be Ready, Be Safe, Be Responsible

BUCKLE UP NO EXCUSES

OCCUPANT PROTECTION FROM INJURY RESTRAINT SYSTEMS SEAT BELTS, AIRBAGS

OCCUPANT PROTECTION

SAFETY RESTRAINTS / AIR BAGS - PROPER USE

AIR BAGS: CORRECT USE IS IMPORTANT

- Seat Adjustment- is important
 - Driver should adjust seat for minimum 10 inch clearance between chest and steering wheel
 - Raise seat (no power seat? - use wedge-shaped cushion), adjust steering wheel downward if possible to direct air bag at chest instead of face

NEVER:

- Passenger under 12 years of age in front seat
- Infant seats in front
- Rest feet on dash area
- Hold child or pet in lap

Be Ready, Be Safe, Be Responsible

<https://www.youtube.com/watch?v=U6gNknUQbio>

Segment IV contains:

- Perceptual driving habits
- Eye and scanning habits
- Distracted driving
- Occupant protection and seatbelt use

Sections 2 & 3 are from the revised Perceptual Driving curriculum.



Your New Teen Driver

Be Ready, Be Safe, Be Responsible

V. YOUR TEEN DRIVER : STARTING & MOVING

Lessons and Hints to Work With Your New Teen Driver
Part 5



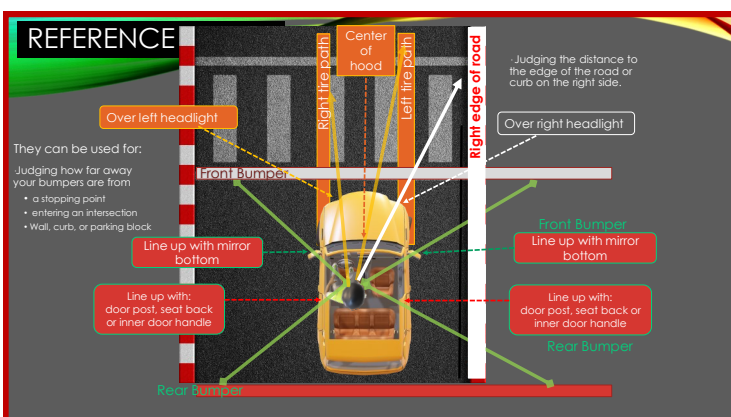
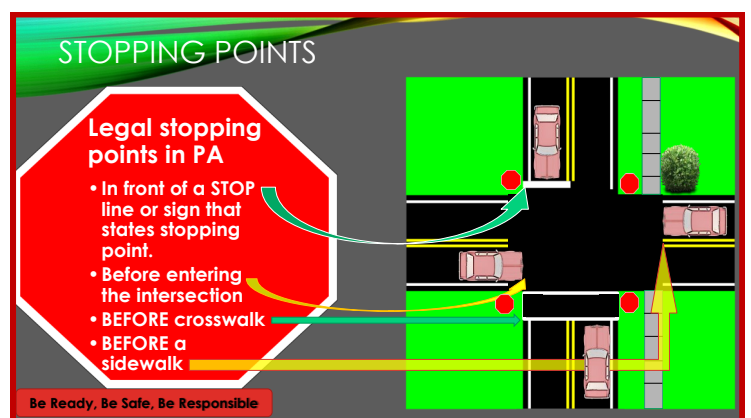
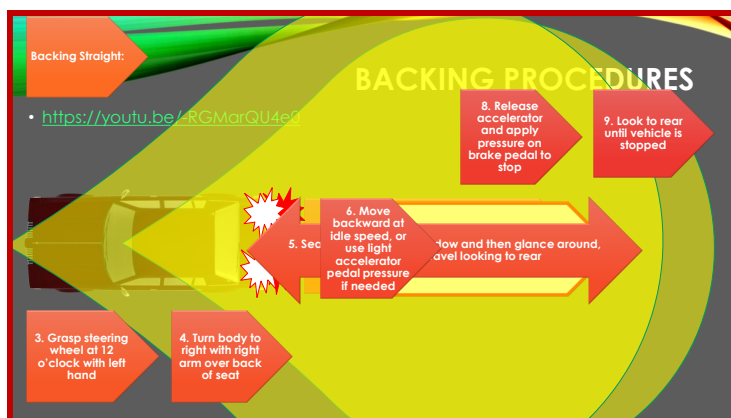
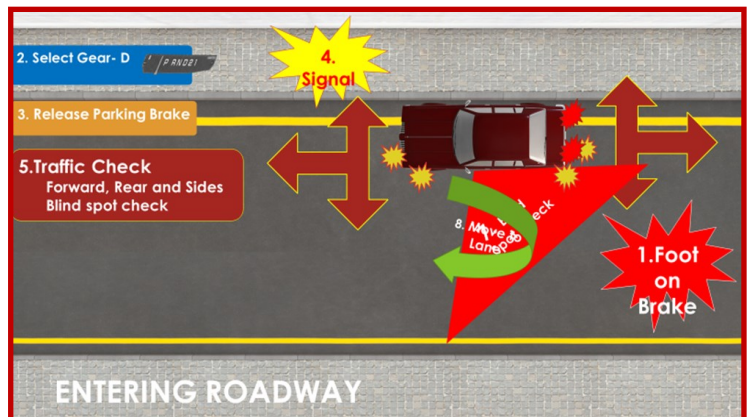
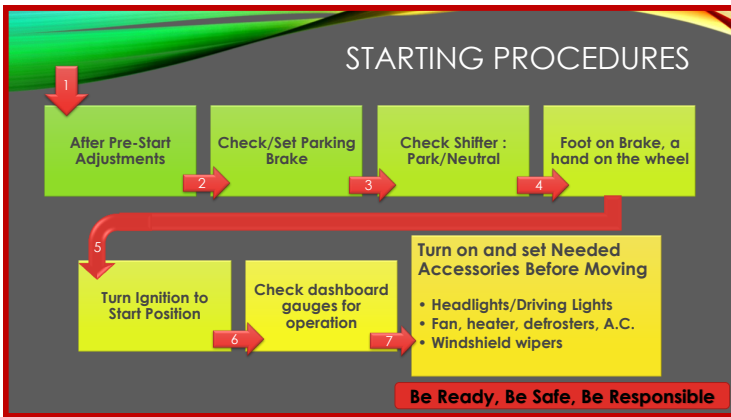
DEPARTMENT OF TRANSPORTATION

IUP Institute for Rural Health & Safety

Be Ready, Be Safe, Be Responsible

STARTING PROCEDURES

- The next set of procedures is a routine of starting, moving and shutting down the vehicle for the new driver to follow.



- Segment V contains sections on:
- Starting procedures
 - Entering the roadway
 - Backing procedures
 - Stopping and stopping points
 - Vehicle position in space references



Your New Teen Driver

Novice Driver Statewide Program



The Perceptual Driving Program and SWPBIS : A Behavioral Approach to Driver Education

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SWPBIS = School Wide Positive Behavioral Interventions and Supports

- Evidence-based, data-driven service framework
- Utilizes a multi-tiered system of supports to address the behavioral and social needs of student
- Emphasizes explicit instruction in expected behaviors, across multiple school setting and situations.
- Focuses on using positive behavioral methods to reinforce appropriate behavior as opposed to using aversive (e.g. punishment) as a first step in school-wide behavior change.

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PBIS in the Parking Lot

- Assessments of students' actual driving behavior
 - Observation of wearing seat belts and refraining from texting
- Students exhibiting these safe driving behaviors will receive SWPBIS token
- Collection of data regarding driving habits is underway

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PBIS in the Driver Education Classroom

- This adaptation of SWPBIS to driver education will utilize the same tiered levels of assessment, instruction / intervention, and reinforcement based on students' need.
- All eligible students (those of driving age) will be provided direct, explicit instruction on safe driving, including the use of seat belts and avoiding distractions (e.g., cell phones).
- Pre- and post-test data will be used to evaluate the extent to which students learned safe driving techniques from the instruction. Additionally, assessments of students' actual driving behavior will be randomly observed in occasional morning and afternoon safety checks.

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What to Expect

- Members of our team occasionally standing in the school parking lot with clip boards collecting data
- Reinforcers provided to students by school personnel for safe driving behavior:
 - Wearing a seatbelt (driver and passengers)
 - Refraining from cell phone use (Driver only)



What can you do at home?

- Praise students for wearing seatbelt
- Praise students for not using cell phone while driving
- Encourage students to use some of the alternative strategies suggests above such as:
 - Designating a passenger to handle phone
 - Speaking up – Remind friends not to text and drive/offer to use phone for them as a passenger



This segment contains explains the Novice Driver Grant and the use of SWPBIS with Driver Education, and our research method.



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