

SENECA HIGH SCHOOL		CURRICULUM MAP		Driver's Education		
UNIT	ESSENTIAL QUESTION	SUMMARY	LEARNING TARGETS	ASSESSMENT	VOCABULARY	
You Are The Driver	What are the requirements to obtain a driver's license?	The purpose of this unit provides an overview of the process of obtaining an instruction permit and driver's license for the state of Illinois, along with the responsibilities and commitment when possessing a license.	<ul style="list-style-type: none"> <li>-Identify the three parts of the highway transportation system.</li> <li>-Describe the stages of a graduated driver's licensing program.</li> <li>-Explain how GDL laws differentiate among states.</li> <li>-Outline the procedure for obtaining a license</li> </ul>	Formative: -Workbook -GDL presentation -Quiz  Summative: -Unit Test  Learning extensions GDL booklet ROR chap 1-3 Video: DZZ Compare/Contrast GDL presentation	<ul style="list-style-type: none"> <li>-Collision</li> <li>-Fixed cost</li> <li>-Graduated driver licensing program</li> <li>-Highway transportation system</li> <li>-Low-risk driving</li> <li>-Operating cost</li> <li>Risk</li> <li>-Roadway user</li> <li>-Zone control system</li> </ul>	

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Signs, Signals, and Roadway Markings	What are the meanings of traffic signs?	The purpose of this unit is to identify traffic signs, signals, and roadway conditions in order to be a safe, responsible driver.	<ul style="list-style-type: none"> <li>-Recognize common roadway signs</li> <li>-Explain the purpose of the roadway markings</li> <li>-Identify traffic signs and meanings</li> <li>-Describe how a driver adheres to traffic signs, signals, and roadway markings</li> </ul>	Formative: -workbook -quiz -signs activity  Summative: -pre and post test -unit test  Learning extension ROR chap 9-10 Sign Card Traffic Control game	<ul style="list-style-type: none"> <li>-Regulatory sign</li> <li>-Warning sign</li> <li>-Guide sign</li> <li>-International sign</li> <li>-Traffic signal</li> <li>-Flashing signal</li> <li>-Pedestrian signal</li> <li>-Right turn on red</li> <li>-Roadway marking</li> <li>-Rumble strip</li> <li>-Shard left turn lane</li> <li>-HOV lane</li> </ul>	

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Basic Vehicle Operation	What is the purpose of vehicle controls, devices, and lights?	The purpose of this unit is to educate new drivers on the orientation of vehicle controls and devices, as well as the purpose of each.	<ul style="list-style-type: none"> <li>-Locate and label basic vehicle controls and devices.</li> <li>-Identify gauges and warning lights on instrument panel</li> <li>-Explain the purpose of each control, device, gauge, and warning light</li> <li>-Create a pre driving check list</li> <li>-Identify two types of transmissions</li> <li>-Explain basic vehicle procedures</li> </ul>	Formative: -workbook -dashboard project -pre quiz -checklist  Summative: -combined test  Learning extensions Car tour Video: Stick shift Dashboard assign	<ul style="list-style-type: none"> <li>-Anti lock braking system</li> <li>-braking point</li> <li>-clutch</li> <li>-key fob</li> <li>-mirror's blind spot</li> <li>-odometer</li> <li>-semi automatic transmission</li> <li>-shift indicator</li> <li>-tachometer</li> <li>-target</li> <li>-transmission</li> <li>-wheel lock up</li> </ul>	

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Basic Vehicle Maneuvers	How do you perform basic driving maneuvers?	The purpose of this unit instructs students on the basic driving skills necessary to beginning driving.	-Describe how to perform each parking maneuver -Explain how to control your vehicle using acceleration, deceleration, and braking -Describe how to use the various mirrors while driving and how they assist a driver -Explain how to perform turnabouts	Formative: -workbook -quiz  Summative: -combined test  Learning extensions YouTube video-parking Web concept	-angle parking -perpendicular parking -parallel parking -convex mirror -reference point -forward reference point -personal reference point -standard reference point -turnabout	

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Managing Risk and IPDE Process	When and how do you use the IPDE process while driving?	The purpose of this unit is to learn how to identify and analyse situations, predict possible conflicts, and make wise decisions for executing safe actions in an organized matter.	-List the four steps in the IPDE process -Describe the location of each of the six zones. -Explain what an orderly visual search pattern. -Explain how the IPDE process along with the ZCS can help eliminate risks while driving.	Formative: -workbook -chapter review  Summative: -unit test (4/5)  Learning extension Video-IPDE process Defensive driving ROR chap 4	-4-6 sec. range -12-15 sec. range -zone -open zone -closed zone -compromise space -depth perception -I.P.D.E. -target area (range) -OVSP -line of sight -field of vision -minimize a hazard -scanning -space cushion -maneuver	

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Negotiating Intersections	How do you negotiate an intersection?	The purpose of this unit is intended to provide students with the skills needed to search and negotiate intersections safely.	-Provide examples of how to judge time and distance and how this relates to negotiating intersections and passing. -Define right of way and the right of way rules for all roadway users. -Explain the procedures for controlled and uncontrolled intersections. -Identify the correct procedures before entering the intersection. -Identify correction actions to take at railroad crossings.	Formative: -workbook -intersection worksheet -quiz -chapter review  Summative: -combined test (10/11)  Learning extension -line of sight restrictions	-active railroad -passive railroad -cross buck -delayed green light -fresh green light -stale green light -gap -intersection -joining traffic -controlled intersection -point of no return -protected left turn -right of way -roundabout -safety stop -uncontrolled intersection -unprotected left turn	

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Sharing the Roadway	How do you share the roadway with all roadway users?	The purpose of this unit is intended to provide information about safe ways to share the road with other users: pedestrians, motorcyclists, bicyclists.	-Identify other roadway users and explain how to interact in a safe manner. -Explain situations encountered with commercial vehicles and how to drive through them. -Describe how to search for smaller vehicles of the road. -Describe the precautions one must take when sharing the road.	Formative: -workbook  Summative: -unit test (10/11)  Learning extensions Video-Share Road Bicyclist safety Guest speaker ROR chap 5	-emergency vehicle -jaywalk -low speed vehicle -moped -no zone -protective gear -scooter -tractor trailer

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Handling Emergencies	-How do you handle vehicle emergencies?	The purpose of this unit is to instruct students on common vehicle malfunctions and roadway hazards, along with how to handle each situation using good decision making skills.	-Identify common vehicle malfunctions. -Describe how to handle vehicle malfunctions. -List possible roadway hazards and how to use good decision making counteract. -List the steps to follow if involved in a vehicle collision. -Identify factors that affect the cost of insurance.	Formative: -video quiz -workbook -step worksheet -PPT presentation  Summative: -combine test (13/12)  Learning extension Video-Extreme Driving ROR 12 PPT	-air pocket -blowout -brake fade -collision insurance -compact spare -deductible -financial responsibility law -forward vision -grade -head on collision -liability insurance -policy -rear end collision -side impact collision

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Driving in Adverse Conditions	-How does driving in adverse weather conditions affect driving?	The purpose of this unit is to teach students about the effects of weather conditions and how to safely manage hazardous conditions while driving.	-Identify conditions that affect driving. -Describe how to handle situations with reduced visibility. -Explain how to properly handle a variety of reduced traction situations. -List precautions for driving in adverse weather conditions.	Formative: -workbook  Summative: -unit test (13/12)  Learning Extension Video: Advance Driving Tactics ROR 11	-controlled braking -exhaust pipe -fishtail -hydroplaning -overdriving headlights -oversteer situation -rocking -skid -understeer situation

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Natural Laws and Car Control	-How do you deal with the natural laws while driving?	The purpose of this unit is to educate students on the importance of understanding how natural law effects driving and how to counteract the results of natural laws.	<ul style="list-style-type: none"> <li>-List the factors that affect energy of motion.</li> <li>-Describe how forces affect the movement of a vehicle.</li> <li>-Explain how speed control and knowledge of natural laws can help avoid a collision.</li> <li>-Explain vehicle control and the reduction of traction.</li> <li>-List examples of the impact of collisions.</li> <li>-Identify the stopping distance needed in various driving situations.</li> </ul>	Formative: -workbook -PPT fill in -quiz <hr/> Learning Extension <hr/> Video: Basic Physics, Do's and Don'ts Anatomy of Car Crash Presentation	<ul style="list-style-type: none"> <li>-active restraint</li> <li>-passive restraint</li> <li>-braking distance</li> <li>-center of gravity</li> <li>-energy of motion</li> <li>-friction</li> <li>-gravity</li> <li>-inertia</li> <li>-momentum</li> <li>-perception distance</li> <li>-perception time</li> <li>-reaction distance</li> <li>-reaction time</li> <li>-total stopping distance</li> </ul>

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Managing Distractions	-What distractions affect a driver when operating a vehicle?	The purpose of this unit to educate students on the different type of driving distractions and how to manage distractions that take away focusing on the driving task.	<ul style="list-style-type: none"> <li>-Identify the four driving distraction categories and examples of each.</li> <li>-Describe how a driver can limit inside the vehicle distractions.</li> <li>-Distinguish between driver distraction and driver inattention.</li> <li>-Explain how outside distractions differ from inside distraction.</li> </ul>	Formative: -workbook -PSA project -quiz -discussion post <hr/> Summative: -unit test <hr/> Learning Extension Video: Distracted, Oprah Personal Letter	<ul style="list-style-type: none"> <li>-distracted driving</li> <li>-auditory distraction</li> <li>-biomechanical distraction</li> <li>-cognitive distraction</li> <li>-visual distraction</li> <li>-driver inattention</li> <li>-gawking</li> <li>-rubbernecking</li> <li>-projectile</li> </ul>

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Effects of Driver Condition	When do ones emotions impair their driving ability?	The purpose of this unit describes how changes in emotions and physical conditions affect ones driving ability.	<ul style="list-style-type: none"> <li>-Describe how fatigue, long term, and short term illnesses affect your driving skills.</li> <li>-List ways emotions can affect ones driving.</li> <li>-Explain the relationship between vision and the ability to drive.</li> <li>-Identify ways to handle your emotions while driving.</li> </ul>	Formative: -workbook <hr/> Learning Extension ROR 6, 7, 8 Video: 5 <sup>th</sup> quarter Personal reflection on 5 <sup>th</sup> quarter	<ul style="list-style-type: none"> <li>-aggressive driving</li> <li>-central vision</li> <li>-peripheral vision</li> <li>-fringe vision</li> <li>-chronic illness</li> <li>-permanent disability</li> <li>-temporary disability</li> <li>-tunnel vision</li> <li>-visual acuity</li> <li>-night blindness</li> <li>-glare resistance</li> <li>-emotion</li> <li>-road rage</li> </ul>

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Alcohol, Other Drugs, and Driving	How does alcohol and drugs impact your driving ability?	The purpose of this unit to educate students about the physical and mental affects alcohol and drugs have on driving safely.	<ul style="list-style-type: none"> <li>-Describe the physical effects of alcohol and drugs.</li> <li>-Explain the impact of alcohol and drugs on ones driving skills.</li> <li>-Distinguish between the myths and facts of alcohol and drugs.</li> <li>-List an individual's responsibilities regarding drinking.</li> <li>-Explain the traffic laws that govern the use of alcohol and drugs.</li> </ul>	Formative: -workbook -quiz -reflection  Summative: -unit test (6/7)  Learning Extension Video: Graduation Day, Impact Stories Drunk Goggles Guest speaker	<ul style="list-style-type: none"> <li>-alcoholism</li> <li>-BAC</li> <li>-depressant</li> <li>-stimulant</li> <li>-inhibitions</li> <li>-DD</li> <li>-dram shop law</li> <li>-DUI</li> <li>-euphoria</li> <li>-field sobriety test</li> <li>-illegal per se law</li> <li>-zero tolerance law</li> <li>-intoxicated</li> <li>-OUI</li> <li>-nystagmus</li> <li>-synergistic effect</li> <li>-prescription medicine</li> <li>-peer pressure</li> <li>-over the counter medicine</li> </ul>

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Driving in Different Environments	-What is the difference between rural driving and urban driving?	The purpose of this unit is to educate students to different driving environments and how to navigate challenges such as changing lanes, driving in urban vs. rural areas, driving on hills, mountains, and highways, and exiting, entering, and merging.	<ul style="list-style-type: none"> <li>-List the steps to follow when changing lanes.</li> <li>-Identify the special situations drivers face when driving on a highway and how to enter and exit a highway.</li> <li>-Describe the characteristics of rural driving vs. urban driving.</li> </ul>	Quiz  Simulation  Video: Farm/Rural	<ul style="list-style-type: none"> <li>-3 second following</li> <li>-tailgate</li> <li>-blind intersection</li> <li>-median</li> <li>-prohibited</li> <li>-switch backs</li> <li>-common speed</li> <li>-entrance ramp</li> <li>-exit ramp</li> <li>-interchange</li> <li>-merging area</li> <li>-deceleration lane</li> <li>-HOT lanes</li> </ul>