**SAMPLE DRIVER EDUCATION**

**In-Car Lesson Plan Drive Route 4**

**Prerequisites:**

1. To participate in this in-car lesson, students are required to complete Chapter 4-5 classroom sessions, receiving a score of 80% or higher on the exit exams.
2. Students are required to have driving permit on their person.
3. Parent contact information on Evaluation Form

**Length of Lesson:**

120 minutes of in-car Instruction: 60 minutes of driving and 60 minutes observation

**Location:**

Arterials, Freeway, Merging and Downtown areas

**Required Materials:**

In-car Chapter 4-5 Lesson Plan

In-car Route 4

In-car Student Evaluation Form

**In-car Objectives:**

**5.1 Intersections**

* The student will demonstrate a consistent method of approaching, managing and traveling through various types of intersections, utilizing the concepts and skills of space management.

**5.2 Rear Space Control**

* The student will demonstrate an awareness of rear condition and be able to demonstrate the best actions to take to minimize the chances of others rear-ending their vehicle.
* The student will demonstrate the ability to see and respond to events to the rear and front of the vehicle when moving, slowing, and while stopped in traffic.

**5.3 Stopping in Traffic**

* The student will demonstrate an awareness of how to control space while stopping in a traffic situation.
* The student will demonstrate awareness and the need to see closed path restrictions and respond to them in a manner that is consistent with space management principles.

**5.4 Managing Space with Timing**

* The student will demonstrate the ability to see a closed space early enough to be able to adjust their speed and lane position to arrive into an open space or have time to stop.
* The student will also demonstrate a strategy for consistently minimizing problems when approaching traffic signals and making a turn.
* The student will be able to demonstrate the ability to manage space to the side of the vehicle by effectively timing their arrival into situations to gain the best separation.

**5.5 Precision Lane Changes**

* The student will demonstrate the ability to perform precision lane changes by using lane positions to minimize their exposure to other traffic and to maximize their ability to time an arrival into an open space.
* The student will be able to make quick visual checks to get the best information prior to moving into a new lane.

**6.1 Pedestrians**

**6.4 Trucks**

**6.7 Work Zones**

**6.8 Railroad Crossing**

**7.2 Passing**

* The student will be able to identify legal and illegal passing locations.
* The student will be able to describe behavioral patterns used when passing and being passed.
* The student will be able to verbally explain each behavioral pattern listed for “being passed” and for “passing,” when given simulated or actual situations. They will be capable of demonstrating correct
* performance of each behavioral pattern in a simulated setting.

**7.3 Freeway Driving**

* The student will demonstrate the ability to use SIM searching and space management principles while entering, traveling on, and exiting limited access highways.
* The student will be able to demonstrate the ability to manage space and time and make precision lane changes while operating at highway speeds.
* The student will demonstrate the ability to judge a following distance of 6 seconds.
* The student will demonstrate the ability to create, maintain and/or rebuild 6 seconds of space to the front.

**Behaviors:**

The student must demonstrate knowledge and successful in-vehicle performance of the following behavioral patterns:

* Sends and responds to communications effectively
* Sees intersections in target area
* Searches L, F, R - moving & stopped
* Locates and applies point of no return
* Awareness and control of rear
* Monitors the rear while stopped
* Uses mirrors - After seeing closed space, before braking, while stopped, before and after turns, before and after lane changes
* Evaluates rear conditions accurately
* Begins braking without delay
* Stops with vehicle in front to see tires touch ground
* See closed spaces
* Use SIM effectively
* Times arrival into open space
* 2 second delayed start
* Evaluate need for lane change
* Move by lane positions (at a shallow angle)
* Time arrival into open space
* Apply best speed control
* Identify where passing is legal
* Side position for angle parking
* Forward position for angle parking
* Target usage for angle parking
* Searching and steering while backing out

**Passing**

* Why pass?
* Following time
* Selection of location
* Search to target area
* Acceleration
* Search, vehicle passing
* Return to lane

**Being passed**

* Select passing location
* Adjust time/space
* Adjust closure rate to front vehicle

**Freeway**

* Adjust speed on ramp
* Search for gap
* Blind spot check
* Precision entry
* Solve problems 15 seconds before exit
* Determine rear status

**In-Car Activities:**

**The in-car instructor/risk manager will**

* Ask students to demonstrate required behaviors and patterns of performance on a predetermined route.
* Observe that the performance is satisfactory.
* Coach and cue the student for correct performance and make additional observations.
* Give immediate positive feedback when performance is correct.
* Ask students to explain rationale behind various behaviors and provide further explanations using appropriate texts and materials when necessary.

**The driver will**

* Demonstrate required behaviors and patterns of performance.
* Explain rationale behind various behaviors when asked.

**The observing student will**

* Observe correct and incorrect driver performance.
* Give positive feedback when asked to do so.
* Explain rationale behind various behaviors using appropriate texts and materials when asked.

**Common Errors**

* Failure to search to the target area
* Failure to search intersection LFR 90 or 45 degrees
* Failure to control vision and path restrictions at intersections
* Does not check rear before &/or after braking, turning, changing lanes
* Failure to monitor rear
* Failure to see and/or respond to conditions in target area
* Charging into a closed front space
* Taking a lane position or speed control action without first searching and evaluating related spaces
* Not choosing the best lane position
* Following closer than 4 seconds – closing their front space rather than creating an open space
* Improper use of central vision to search to target area, especially during a lane change
* Too long or wrong visual check to mirrors or blind spot
* Failure to gather correct information prior to a lane change
* Late or slow response to vision and path restrictions
* Following closer than 4 seconds – closing their front space rather than creating an open space
* Failure to know legal passing locations
* Exceed the the speed limit when passing
* Failure to look for more than one vehicle passing at a time
* Student may be confused as to which lanes cars are in on the freeway as they check for an open gap
* Too fast or slow on ramp
* Failure to use entire length of acceleration lane, merges prematurely
* Follows closer than 6 seconds
* Exceeding the speed limit
* Failure to use speedometer on or after exit ramp
* May not know to clean headlights, mirrors
* Failure to reduce speed for reduced visibility

**Performance Based Method of Assessment**

**Student Drive Record – NCR – Performance Codes**

1 = Performs well with little or no coaching

2 = Performs fair with coaching, needs guided practice

3 = Performance requires coaching, considerable guided practice required

4 = Unable to perform, required to repeat lesson