

WAPT PRESENTS



Annual School Bus Road-e-o

SHIFTING GEARS

FROM THE PAST

TO THE FUTURE

June 23, 2024

Kennewick School District Transportation Kennewick, WA



WAPT SCHOOL BUS SAFETY COMPETITION GENERAL INFORMATION

There will be two type of school buses provided:

Type 1: Transit **Type 2:** Conventional.

Contestants are to report to the check-in area on time. **Late arrivals will be disqualified.**

Contestants must be appropriately attired for school bus driving.

(See Washington State Driver's Handbook)

If not appropriately attired/shoe wear, you will be disqualified.

All contestants will be required to stay within the driver preparation area until called for the competition and/or released by the chairperson or designee.

No additional aids or devices will be allowed on the course.

Any driver who knowingly accepts signals from a spectator will be automatically disqualified. All spectators will be required to stay a minimum of 20' from any area of competition. Only contestants competing at that moment will be allowed on the course.

It is assumed that there are students aboard when competing. **Must have and produce all required documents for driving.** The door shall remain closed (exception, Railroad Crossing and Student Stop and Load). Headlights/Clearance lights shall be on at all times. Driver will be in a belted seated position. Failure to comply will result in Maximum demerits for that event in which a judge notices.

Judges will bring any discrepancies to the attention of the chairperson. Scoring points, issued by a judge stand without recourse. Contestants are required to maintain proper driving position at all times. Proper driving position is sitting in the seat with seatbelt snugly fastened, feet on floor or controls, and hands on the proper controls. Judges observing a contestant out of proper driving position will give **0 points** for that event.

Mirrors will be adjusted to provide the driver with vision that is required for safely operating the bus. Contestants will be allowed **6** minutes to adjust mirrors and become familiar with the controls. No additional devices or clothing may be used to set references. Once mirror adjustment has been made, the inside mirror controls will be disabled. *Evidence* of touching or moving the mirrors after leaving the Mirror Station will result in **0 points** for all events. Mirror adjustment for 'Road Ready' not 'Road-e-o Ready'.

If a contestant should experience a mechanical problem with their bus while on the course, they should stop the bus and blow the horn to signal the judge. The chairperson(s) will determine if the problem is severe enough to change buses.

First through third place plaques and a traveling winner's trophy will be presented at the awards ceremony. A perpetual plaque will be given to the first place winner for one year. It is the first place person's district responsibility to make sure their drivers name is placed on the plaque. The District will receive a plaque for their district.

Ties: If there is a tie, there will be a run off event determined by the committee.

Violations of any Washington Administrative Codes (WAC) will be cause for disqualification.

General Guidelines for School Bus Safety Competition Events

Delineator cones:

Any portion (top, center) of a delineator cone that is touched by any part of a school bus is to be considered a "hit" and is to receive appropriate points off. Excluding mirrors, wheel well cover, door handles, and stop sign.

Lines:

No matter how wide the lines are marked on any event, the edge of the line nearest to the bus is the point from which judgment is made, i.e. Curb Line will be judged on middle of tire bulge, Right Turn will be judged by tire tread not tire bulge.

Tennis balls:

Contact with a tennis ball whether on the ground or suspended off of the swing bars, no matter how slight to receive appropriate points off. Body of the bus only, excluding mirrors, wheel well cover, door handles, and stop sign.

Bus Measurements:

Measure the length of the bus from bumper to bumper not including crossing arm. The width of the bus from outside of rub rail to outside of rub rail.

Buses used for event:

Transit Style Bus Length_____ Width _____

Convention Style Bus Length_____ Width _____

Mirrors / Mirror Adjustment:

Checking the mirrors should be done with **Clear Eye Contact** with the judges and **Actual Pointing** with finger at all mirrors.

Adjustments are made at the Mirror Station and shall not be changed at any time after leaving the station. Zero points for evidence of touching or adjusting seat position after leaving the mirror station. Mirror adjustment for 'Road Ready' not 'Road-E-O Ready'. Mirrors will be checked at the end of the course.

Proper Seating Position / Head – Clearance Lights On:

Seat belt secured correct and firmly on driver, no auxiliary equipment (i.e. pillows, cushions), no rising up from the seated position. You are assuming you have students on board. All appropriate lights shall be on. Reminder, zero points for evidence of touching or adjusting seat position after leaving mirror station.

Hand Position and Palming in any event will be 5 demerits. Judges observing a contestant out of proper driving position will apply maximum demerits for that event.

GENERAL KNOWLEDGE WRITTEN EXAMINATION

Points: 100

PURPOSE OF TEST: The purpose of this test is to showcase the knowledge of the contestant and promote education of more in-depth knowledge which pertains to School Bus Driving.

Reference examples can be based on:

American Red Cross Workbook
American Heart Association website
Current Commercial Driving Guide (CDL)
Revised Codes of Washington (RCW)
Washington Administrative Codes (WAC)
School Bus Driver Training Manual
Current Driver In-Service
School Bus Driver Handbook
SPED Driver Trainer Handbook

Instruction:

You will be given your test questions at the same time you receive the registration packet. This is so you can find the answers through the reference sources that are listed above.

The test will include 50 questions @ 2 points for each question. These questions can be based upon the publications mentioned above and upon school bus driver's common knowledge.

It is important that you bring the test with you to State and give it to Registration. Failure to do so will result in 0 Points for the written exam.



SUMMARY of POSSIBLE POINTS

1.	GENERAL KNOWLEDGE WRITTEN TEST	100 POINTS
2.	PRE-TRIP INSPECTION TEST	100 POINTS
3.	RAILROAD CROSSING & CLEARANCE	75 POINTS
4.	PARALLEL PARKING EVENT	50 POINTS
5.	RIGHT or LEFT TURN EVENT	50 POINTS
6.	STRAIGHT LINE EVENT	50 POINTS
7.	BACK-IN EVENT	50 POINTS
8.	OFFSET ALLEY EVENT	50 POINTS
9.	STOP LINE EVENT	25 POINTS
10.	CURB LINE EVENT	50 POINTS
11.	DIMINISHING CLEARANCE EVENT	50 POINTS
12.	STUDENT LOADING EVENT	75 POINTS
	
	TOTAL POSSIBLE POINTS	725 POINTS

PRE-TRIP INSPECTION GUIDELINES

Points 100

Purpose of Event:

The purpose of this test is to verbally evaluate the contestant's ability to perform a pre-trip inspection in accordance with Federal CDL laws with "S" Endorsement.

Guideline for Judges and Contestants:

The test is verbal with hands pointing to components for inspection. The test is broken into 3 pages with different sections. The contestant will be tested on one of the "Test" pages. A "Test" page can have multiple separate areas. The judge will prompt you to begin an area within that page.

EXAMPLE: When the judge says "Air Supply System" you will be stating everything which pertains to the Air Supply system and how it operates.

The contestant has ten minutes to complete the pre-trip event. However, the contestant must tell the judge when they are "finished" with each area.

Scoring:

Each area has a "Total Possible" + score in it. In the section, there are points for each piece of the main subject. If you miss one piece you will be deducted just for that piece.

"Plus 20" + points will be added for staying within the 10 minute time limit.

Failure to attempt this event will result in maximum loss of points

Points: 100

Contestant #: _____

**PRE-TRIP # 1
INSPECTION EVENT SCORE SHEET**

**This Pre-Trip is all verbal, the Judge will prompt (Bold Print) Contestant on each box.
Contestants will point to where the items being discussed are.
"Judges add up each box and put total positive points at bottom of score sheet"**

ENGINE COMPARTMENT

____ #5 Engine Compartment Unit/belts
checks all belts for snugness, not frayed, no visible cracks or signs of wear,
(1/2 to 3/4 inch play at center of belt, explain not physically check).

____ #5 Power steering unit/belt driven/fluid. (point to or touch).
Check that unit is mounted securely.
operating properly, are not damaged or leaking, Fluid at adequate level.

____ #5 Water Pump unit/ belt driven (point to or touch).
Mounted securely, operating properly. Not damaged or leaking.

____ #5 Alternator unit/belt driven (point to or touch).
Check that the alternator is securely mounted and all wires are securely
fastened. Operating properly.

____ #5 Air compressor unit/belt driven (point to or touch).
Check that the compressor is securely mounted. Operating properly, are not
damaged or leaking.

____ #5 Hoses/lines
Not cracked, worn, frayed fittings, no leaks & couplings are tight.
Hoses or lines can supply air/hydraulic fluid.

____ Total Possible Points: 30

Front Axle

____ #4 Tires
No cuts, damage to sidewall No tread separation.
The valves stem/cap not missing, broken, or damaged. Tread depth is
at least 4/32 of an inch and evenly worn. Tire inflation use tire gauge.

____ #4 Rims
No dents or damage, No cracks or welding repairs.

____ #4 Lug nuts
No loose/missing lug nuts. No signs of rust trails or shiny threads. No
cracks or distortion of the lug nut holes.

____ #4 Hub oil seals/Axle seals
No leaks to the axel seals, oil at adequate level.

____ #4 Mud flaps
Not damaged and securely mounted.

____ Total Possible Points: 20

Air Supply System

____ #3 Air leak check
While holding the service brake for 1 minute no more than 3 psi
in that 1 minute.

____ #4 Low-air warning check
Low-air warning should activate at 55 psi or above.

____ #4 Parking brake
Parking brake valve should close (pop out) at approximately 40
psi.

____ #4 Governor Cut out
psi range is roughly 120-140 psi or as specified by manufacturer.

____ Total Possible Points: 15

External Inspection of School Bus Lights

____ #5 School bus lights
Alternately-flashing amber and red lights.

____ #5 Crossing arm(s)
Crossing arm fully extends, no signs of damage.
Securely mounted to the bumper, no loose fittings.

____ #5 Stop paddle
All stop paddle lights work, no signs of damage.
Securely mounted to the bus, no loose fittings,
works in conjunction with the crossing arm.

____ Total Possible Points: 15

Time Start: _____ Stop: _____

Contestant Did Not Attempt Event: Minus 100 - _____

Comments:

Box # 1 + _____

Box # 2 + _____

Box # 3 + _____

Box # 4 + _____

Contestant *Did Complete* Event in 10 Minutes Plus 20 + _____

Official: _____ Score Earned: _____

Add Up Points

Points: 100

Contestant #: _____

**PRE-TRIP # 2
INSPECTION EVENT SCORE SHEET**

**This Pre-Trip is all verbal; the Judge will prompt (Bold Print) Contestant on each box.
Contestants will point to where the items being discussed are.**

"Judges add up each box and put total positive points at bottom of score sheet"

Front and Rear Suspension

- _____ #5 Springs
Leaf springs are not: Missing, Shifted, Cracked or broken.
- _____ #5 Mounts/Hangers
No cracked or broken spring hangers.
No missing or damaged bushings.
- _____ #5 U-Bolts
No broken, loose, missing U-bolts or other axle mounting parts.
- _____ #5 Shock absorbers
Securely mounted with no loose or missing nuts/bolts. Not leaking.
- _____ #5 Torque arm (In the rear suspension)
Securely mounted, not damaged.

_____ **Total** **Possible Points** 25

Internal Inspection

- _____ #5 Passenger entry doors & Mirrors
Entry doors are not damaged operates smoothly and closes securely, handrails are secure; steps are clear, step light is working, treads not loose. Nothing is blocking the aisle-way.
- _____ #5 Seating
No broken seat frames and frames are securely attached to the floor. Seat cushions are securely attached to the seat frames.
- _____ #5 Seat belt
Securely mounted, adjusts and latches properly.
Not ripped or frayed.
- _____ #5 School bus Emergency & Safety equipment
Properly charged and secured, fire extinguisher.
Three reflective triangles and fully stocked emergency first-aid kit. Sealed body-fluid-cleanup kit.
- _____ #5 Emergency exit(s)
Not damaged, operate smoothly and closes securely
Warning devices are working (buzzer).

_____ **Total** **Possible Points** 25

Driver, Fuel, & Under-Vehicle Areas:

- _____ #5 Doors & Mirrors
Check that door(s) are not damaged and opens and closes securely from the outside.
Check that door hinges are secure with door seals intact.
Check that mirror brackets are: Not damaged.
Securely mounted with no loose fittings.
- _____ #5 Fuel tank
Securely mounted, cap is tight and no leaks from tank or cap.
- _____ #5 Drive shaft
Not twisted, bent or cracked.
U-joints are secure and free of foreign objects.

_____ **Total** **Possible Points** 15

External Inspection of School Bus Lights

- _____ #5 School bus lights
Alternately-flashing amber and red lights.
- _____ #5 Crossing arm(s)
Crossing arm fully extends, no signs of damage.
Securely mounted to the bumper, no loose fittings.
- _____ #5 Stop paddle
All stop paddle lights work, no signs of damage.
Securely mounted to the bus, no loose or missing fittings.
works in conjunction with the crossing arm.

_____ **Total** **Possible Points** 15

Time Start: _____ **Stop:** _____

Contestant Did Not Attempt Event: Minus 100 - _____

Comments:

Box # 1 + _____

Box # 2 + _____

Box # 3 + _____

Box # 4 + _____

Contestant *Did* Complete Event in 10 Minutes Plus 20 + _____

Official: _____ **Score Earned:** _____

Add Up Points

Points: 100

Contestant: _____

PRE-TRIP # 3
INSPECTION EVENT SCORE SHEET

This Pre-Trip is all Verbal, the Judge will prompt (Bold Print) Contestant on each box.
Contestants will point to where the items being discussed are.
"Judges add up each box and put total positive points at bottom of score sheet"

Steering

_____ #10 Steering box & Hoses
Securely mounted, no leaking, not missing any nuts, bolts or cotter keys
No cracked, worn, frayed, leaking, damaged hoses.

_____ #10 Steering linkage
Arms and Rods: not worn or cracked.
Joints and sockets: not worn or loose or missing nuts, bolts, or cotter keys.

_____ Total Possible Points: 20

Air Supply System

_____ #3 Air leak check
While hold the service brake for 1 minute no more than 3 psi in that 1 minute.

_____ #4 Governor Cut out
psi range is roughly 120-140 psi or as specified by manufacturer.

_____ #4 Low-air warning check
Low-air warning should activate at 55 psi or above.

_____ #4 Parking brake
Parking brake valve should close (pop out) at approximately 40 psi.

_____ Total Possible Points: 15

Lights & Reflectors

_____ #5 Front of the vehicle
Check that lighting lenses are: Clean, not missing or broken.
Headlights: High beam & Low beam
Turn Signals: Left & Right
4-way flashers

_____ #5 Clearance lights
Check all clearance lights work and are clean.
There are no missing or broken lenses. Clearance lights--red on the rear, amber elsewhere.

_____ #5 Reflectors & Reflective tape
Check all reflectors are clean and are no missing or broken reflectors.
Check that reflective tape is clean and securely affixed to the vehicle.

_____ #5 Rear of the vehicle
Turn signals: Left & Right
Taillights
4-way flashers
Brake lights

_____ Total Possible Points: 20

Front/Rear Axle Brakes

_____ #5 Brake drums/Rotors
No cracks, grooves or holes. No loose or missing bolts. No oil or grease on the brake drums.

_____ #5 Brake linings
Not dangerously thin.
Not cracked or broken.
No signs of oil or grease on the linings.

_____ #5 Brake chambers
Have no cracks or dents.
Securely mounted, no loose or missing nuts/bolts and clamps and not leaking.

_____ #5 Slack adjustors/Pushrod
Not broken, bent, loose, securely mounted, no missing parts.
The pushrod should not move more than 1 inch with brakes released when pulled by hand.

_____ #5 Brake hoses/lines
No cracked, worn, frayed or leaking hoses, lines & couplings.
All connections are secure, not leaking.

_____ Total Possible Points: 25

Time Start: _____ Stop: _____

Contestant Did Not Attempt Event: Minus 100 - _____

Comments:

Box # 1 + _____

Box # 2 + _____

Box # 3 + _____

Box # 4 + _____

Contestant *Did* Complete Event in 10 Minutes Plus 20 + _____

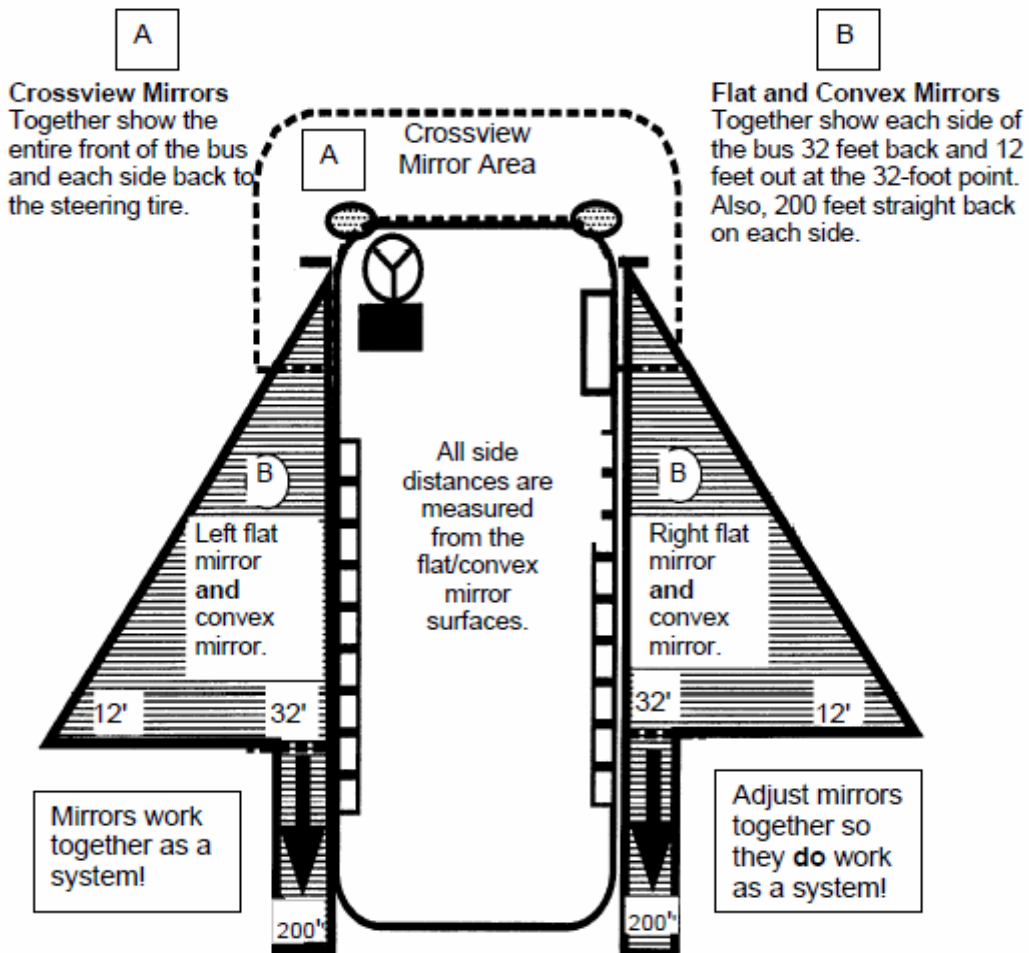
Official: _____ Score Earned: _____

Add Up Points

Road Ready Mirror Schematic

Mirrors should be placed for “Road Ready” not “Road-e-o Ready”. This means; contestant must see the designated areas listed in below diagrams. Mirror should not be placed to see just the ground or Road-e-o Competition areas only. Mirrors must be placed just as they would be when driving a route with children on board.

Mirror Adjustment



Contestant: _____

MIRROR STATION

_____ Bus number and score packet on bus.

Total time: _____

_____ Driver is wearing proper footwear.

Start time: _____

_____ Seat adjusted.

End time: _____

_____ Mirrors were properly adjusted (Driver's face in view from rear of bus).

_____ Mirror Adjustment done and Covered.

_____ Reference Points Set.

_____ Familiar with 8-light system, head lights, clearance and hazard lights.

.....
_____ Mirrors in proper position after event (Driver's face in view from rear of bus).

_____ Bus number removed.

_____ Packet score sheets submitted.

Comments:

Official: _____

RAILROAD CROSSING GUIDELINES

Points 75

PURPOSE OF TEST: The railroad crossing represents one of the greatest hazards in so far as mass casualties or fatalities are concerned. The test evaluates the driver's degree of care and knowledge of the laws, rules and regulations when required to operate a school bus across railroad tracks. The test also evaluates the driver's ability to determine the clearance of the tracks with the back of the vehicle.

INSTRUCTIONS: A Simulated railroad crossing is laid out as follows:

- Two lane roadway crossing one parallel set of tracks
- Railroad crossing signs properly positioned to the right of the roadway

Deduction of:

Failure to:

Approach activate hazards lights WAC 395-145-070.....	50
Approach point to outside, left / right / both crossovers and inside mirrors	15
Stop between 50 to 15 feet from the nearest rail	25
Open door, window, shut off noisy equipment	10
Point right / left (up the tracks / down the tracks)	25
Close door <u>before</u> moving, starting over tracks	50
Point to outside, left / right / both crossovers and inside mirror.....	15
Use of overhead red and / or amber lights	75
Back up during event	75

After Tracks

Failure to:

Stop between 15 to 50 feet / de-activate hazard lights & honk.....	25
Have headlights / clearance lights on	75
Attempt this event or not in proper seating position	75
Palming	10

Contestant: _____

RAILROAD SCORE SHEET

Points	<u>75</u>
Demerits minus	_____
Score earned	_____

Add up total demerits and subtract from "Possible" points that is the score earned, if over Max then charge Max.

Deduction of:

Failure to:

- Approach activate hazards lights WAC 395-145-070 50 _____
- Approach point to outside, left / right / both crossovers and inside mirrors 15 _____
- Approach stop between 50 to 15 feet from the nearest rail..... 25 _____
- Open door, window, shut off noisy equipment..... 10 _____
- Point right / left (Up the tracks / down the tracks)..... 25 _____
- Close door before moving, starting over tracks..... 50 _____
- Point to outside, left / right / both crossovers and inside mirror..... 15 _____

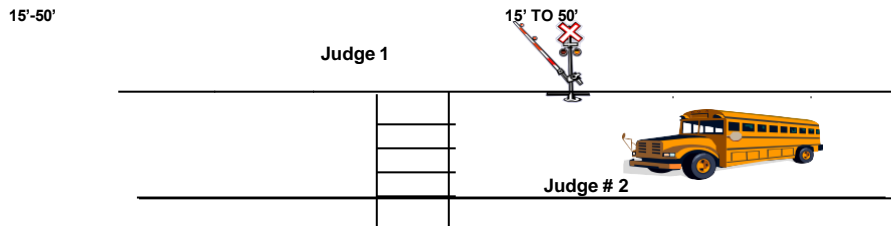
- Use of overhead red and / or amber lights 75 _____
- Back up during event..... 75 _____

After Tracks

Failure to:

- Stop between 15 to 50 feet / de-activate hazard lights & honk..... 25 _____
- Have headlights / clearance lights on 75 _____
- Attempt this event or not in proper seating position 75 _____
- Palming 10 _____

Comments:



Official: _____

PARALLEL PARKING GUIDELINES

Points: **50**

PURPOSE OF EVENT: This event is designed to evaluate the contestant's ability to park the bus parallel to a curb without touching barriers. Exit the parking area without touching the barriers or curb.

Measurement will be taken from the center bulge of front and rear tire of bus. **Scoring will be from whichever tire is out the furthest.**

INSTRUCTIONS: The curb can possibly be a hose, curb or tape. Two barriers will be set at right angles to the curb line, extending out eight feet from the curb. The distance between the barriers will be:

Transits: The length of the bus plus six feet
Conventional: The length of the bus plus seven feet

SCORING: Will be based on the driver entering and exiting.

50 Demerits Failure to park the bus parallel to curb.
50 Demerits Bus touching front or rear barrier at any time.
50 Demerits Failure to use directional signal entering

SCORING FOR BACKING IN:

05 Demerits For each instance of backing more than the first time (not to exceed 25pts. max)
10 Demerits Not honking horn backing up
50 Demerits Touching curb with the tire.

SCORING FOR PARALLEL TO THE CURB:

Zone 1	0" to 3"	00	Demerits
Zone 2	3" to 6"	03	Demerits
Zone 3	6" to 9"	06	Demerits
Zone 4	9" to 12"	09	Demerits
Zone 5	12" to 15"	12	Demerits
Zone 6	15" to 18"	15	Demerits
Over 18" from curb		50	Demerits

SCORING FOR PULLING OUT:

05 Demerits Each instance of backing more than the first time (not to exceed 25 demerits)
50 Demerits First instance of touching the curb with the tire or any barrier
50 Demerits Failure to use directional signal exiting
10 Palming

Contestant: _____

PARALLEL SCORE SHEET

Points 50

Demerits minus _____

Score earned _____

Add up total demerits and subtract from "Possible" points that is the score earned, if over Max then charge Max.

Deduction of:

Entering Parking Zone

Circle each time of backing bus more than the first time charge 5 demerits for each time

(05) (10) (15) (20) (25) Max 25	25	_____
Bus touches any barrier	50	_____
Tire tread touches the curb line	50	_____
Failure to use directional signal entering	50	_____

Measurement is made Front and Rear center tire @ bulge

Score will be from the tire which is out the farthest

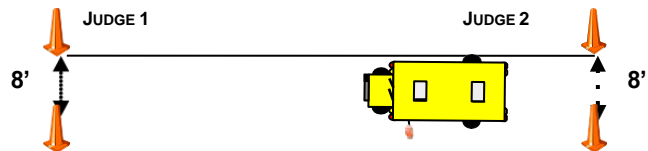
	F	R
Bus parked 0" to 3"	00	
Bus parked 3" to 6"	03	
Bus parked 6" to 9"	06	
Bus parked 9" to 12"	09	
Bus parked 12" to 15"	12	
Bus Parked 15" to 18"	15	
Bus Parked over 18"	50	
Not honking horn backing up	10	

Exiting Parking Zone

Circle each time of backing the bus (after the first time) charge 5 demerits for each time

(05) (10) (15) (20) (25) Max 25	25	_____
Bus touches any barrier	50	_____
Tire tread touches the curb line	50	_____
Failure to:		
Park the bus and sound horn	50	_____
Proper seated position	50	_____
Door opened during the event	50	_____
Head / clearance lights on	50	_____
Failure to use directional signal exiting	50	_____
Complete this event	50	_____
Palming	10	_____

Comments:



T = Length + 6' Conv = Length + 7'

Measurements are from inside of delineator post to inside of delineator post not the base.

Official: _____

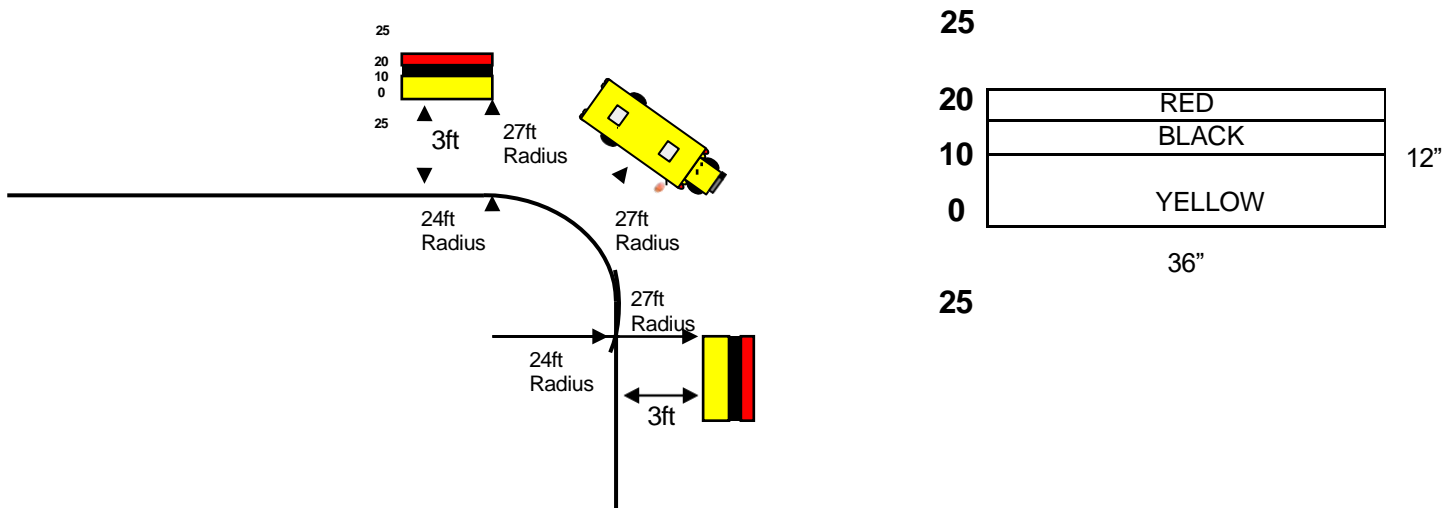
RIGHT OR LEFT TURN EVENT GUIDELINES

Points: 50

PURPOSE OF EVENT: Execute a 90 degree right turn in a school bus without touching the curb or encroaching on adjacent traffic lanes. Radius will be set at an axis of 27'. The driver will signal (directional) 100 ft. or (as space allows) before entering the tire line **50 ft.** before the first demerit zone. The contestant will position the bus in the turn lane so the right turn can be made without touching the curb at any time. The tire line is three 3 ft. to the left of the curb line. They will begin turn maneuver by their ability to know when to turn the wheel for successful completion through demerit zone 2. Judgment will be made at demerit zone 1 and at demerit zone 2. **Scoring** will be based on the method in which the driver enters and recovers from the turn. For scoring purposes, **the outer edge of the tire's tread will be used.** The right rear outside tire must pass through the entire scoring template at the beginning and completion template of the turn.

Deduction of:

Failure to activate turn signal entering event 100'	25	
Each instance of stopping (<u>lug nuts not moving</u>) over 5 stops is Max demerits	10	
Entering event zone 1:		
Yellow	0	
Black	10	
Red	20	
Off Template	25	
Turning the bus: Touching the curb line at any time with any tire		
For backing the bus	50	
Failure to keep door closed	50	
Entering event zone 2:		
Yellow	0	
Black	10	
Red	20	
Off Template	25	
Cancel signal	05	
Have headlights / clearance lights on,	50	
Attempt this event or not in proper seating position	50	
Palming	10	



RIGHT OR LEFT TURN SCORE SHEET

Contestant: _____

Points 50

Demerits minus _____

Score Earned _____

Add up total demerits and subtract from "Possible" points that is the score earned, if over Max then charge Max.

Deduction of:

Failure to activate turn signal entering event 100' 25 _____
 Each instance of stopping (lug nuts not moving) Max 5 stops..... 10 _____

Entering event zone 1:

Yellow 0 _____
 Black 10 _____
 Red 20 _____
 Off template 25 _____

Turning the bus: Touching the curb line at any time with any tire 50 _____
 For backing the bus 50 _____
 Failure to keep door closed 50 _____

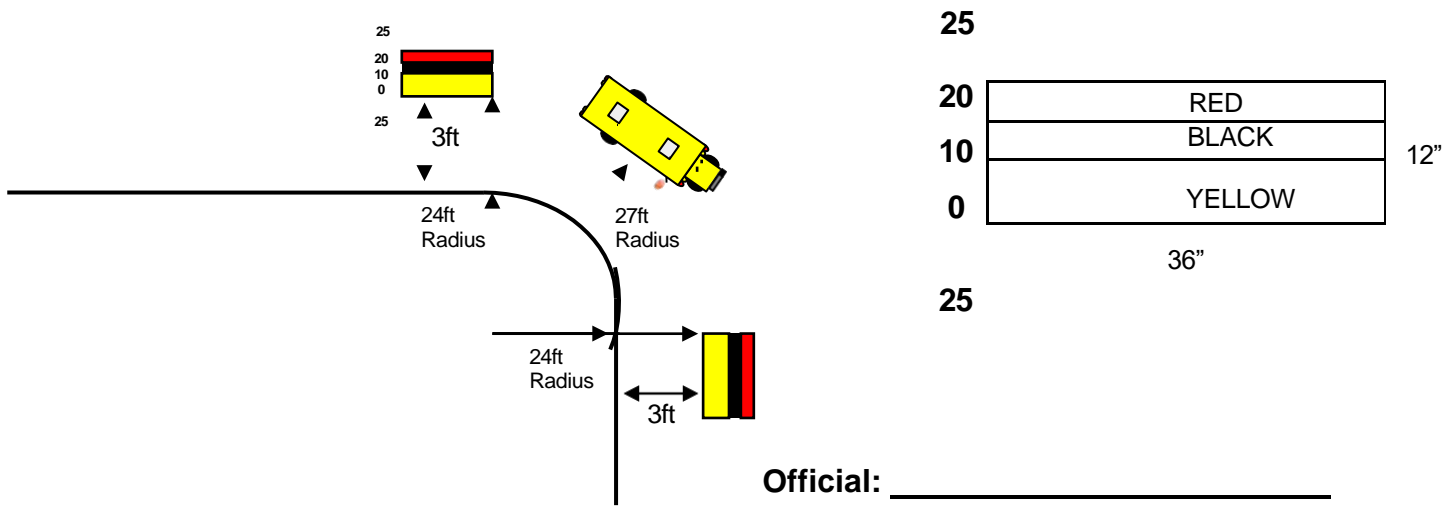
Entering event zone 2:

Yellow 0 _____
 Black 10 _____
 Red 20 _____
 Off Template..... 25 _____

Failure to:

Cancel signal 05 _____
 Have headlights/clearance lights on 50 _____
 Attempt this event or not in proper seating position 50 _____
 Palming 10 _____

Comments:



Official: _____

STRAIGHT LINE GUIDELINES

Points: 50

PURPOSE OF EVENT: To evaluate the driver's ability to maneuver the right rear dual of a school bus through a double column of tennis balls.

The right rear dual must travel between the columns of tennis balls (duals + bulge +3" for width) without touching or dislodging any of the balls. The bus may not stop during the event. Course will not be reset until contestant completes the event.

		Deduction of:
Check each instance of stopping forward motion of bus (lug nuts not moving)	Max: 20	04
Check each instance of bus touching or knocking balls off	Max: 50	10
Backing up during event		50
Failure to:		
Attempt this event		50
Not in proper seating position		50
To have door closed during event.....		50
Drive with head / clearance lights on		50
Palming		10

Equipment:

10 - 1/2" To 3/4" Pipe 10 - Tennis Balls Knee Protectors Gloves

Contestant: _____

STRAIGHT LINE SCORE SHEET

Points 50

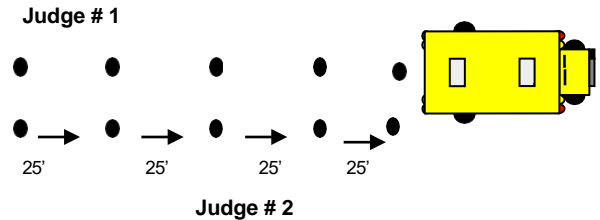
Demerits minus _____

Score Earned _____

Add up total demerits and subtract from "Possible" points that is the score earned, if over Max then charge Max.

*****	Deduction of:
**Circle each infraction	
Each instance of stopping forward motion of bus (4) (4) (4) (4) (4) Max: 20	20 _____
Each instance of bus touches or knocks ball off (10) (10) (10) (10) (10)	50 _____
Backing during the event	50 _____
Failure to:	
Attempt this event	50 _____
To have door closed during event.....	50 _____
Not in proper seating position	50 _____
To have head/clearance lights on.....	50 _____
Palming	10 _____
Comments:	

From behind bus observe any ball contact with right duals



Observe any contact with right dual and driver position
Stay out of driver's mirror sight when bus is going thru tennis balls

Official: _____

BACK IN GUIDELINE

Points: 50

PURPOSE OF EVENT: To evaluate the driver's ability to back the bus into a stall. A stall 10' x 40' feet or longer (will be determined by committee) is provided into which the driver must back their bus without touching the upright standards (delineator posts) and without crossing over the stall limit marker lines. Measurements are from the inside to inside of the delineator posts, not including the base. **Depth perception is tested by placing a measuring stick of the free zone, measures 4 ft from rear barrier and by penalizing the driver for backing up past the free zone on the stick.** The driver will approach the stall **from either direction**, turn up to the appropriate wheel limitation line and back into the center of the stall, centering the bus within one (1) inch of the center line (front and rear) and park. The driver will set brake and honk the horn to notify the official to score the event. Course will not be reset until the contestant completes the event.

Deduction of:

Tire tread touches wheel limitation line.....	50
Each time bus touches delineator cones (any part)	50
Tire tread touches stall side marker line	50
Bus extends into or over rear barrier	50
Each forward movement of bus after first attempt	
6 12 18 24 30 36 42 Max 42	42
Bus parked more than one 1 inch <u>off center line</u> front or rear	
2 4 6 8 10 12 14 Max 14.....	14
Every 6" forward of the 1 ft. Free Zone	
5 10 15 20 25 30 35 40 45 50 Max 50	50
Every 6" parked behind 1 ft. Free Zone	
10 20 30 40 50 Max 50	50
Failure to:	
Park bus, set brake, put in neutral, sound horn	50
Pull out between front delineator cones.....	50
Keep door closed or wear seat belt	50
Attempt this event or not in proper seating position.....	50
Have head/clearance lights on	50
Palming	10

Equipment:

6 tall candle cones
T square measurer
Measuring tape
Fire hose, duct tape or chalk for lines

Contestant: _____

BACK IN SCORE SHEET

Points: 50

Demerits minus _____

Score Earned _____

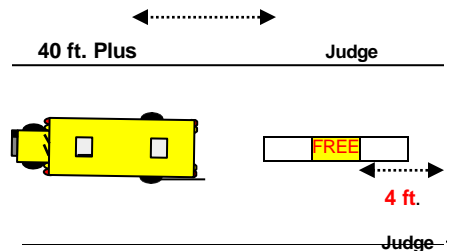
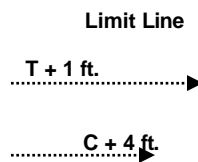
Add up total demerits and subtract from "Possible" points that is the score earned, if over Max then charge Max.

****Circle Pts off then add up:**

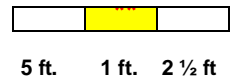
Deduction of:

Tire tread touches wheel limitation line	50	_____
Each time bus touches delineator (any part)	50	_____
Tire tread touches stall side marker line	50	_____
Bus extends into or over rear barrier	50	_____
Each forward movement of bus after first attempt		
6 12 18 24 30 36 42 Max 42	42	_____
Parked more than one 1 inch <u>off center line</u> front or rear		
2 4 6 8 10 12 14 Max 14	14	_____
**Every 6" forward of the 1 ft. Free Zone Each 6"		
5 10 15 20 25 30 35 40 45 50 Max 50	50	_____
**Every 6" parked behind 1 ft. Free Zone Each 6"		
10 20 30 40 50 Max 50	50	_____
Failure to:		
Park bus, set brake, put in neutral, sound horn	50	_____
Pull out between front delineator cones	50	_____
Keep door closed or wear seat belt	50	_____
Attempt this event or not in proper seating position.....	50	_____
Have head / clearance lights on	50	_____
Palming	10	_____

Comments:



The free zone on the backup stall scoring template is located four feet from the inside edge of the rear stall barrier.



Official: _____

OFFSET ALLEY GUIDELINES

Points: 50

PURPOSE OF EVENT: To evaluate the driver's skill to drive a bus through two offset lanes without touching the barriers with any part of the bus. The four standards of barriers one and two are set up with ten (10) feet between the tennis balls in each direction. The distance, between the two barriers, for either Transit or Conventional bus length is plus (4') four feet. Measuring is from the front bumper (which includes crossing arm) to rear bumper. Adjust the height of the tennis balls to miss mirrors, door handles, stop paddle, and wheel fenders. If unable to set them to miss, then include the equipment in the width measurements. The right hand tennis balls of barrier one are directly in line with the left hand tennis balls of barrier two. The direction of the offset alley (left or right) will be determined on the day of the competition. The course will not be reset until contestant completes the event.

Deduction of:

Each instance of stopping the forward motion	(8) (8) Max 16	16
Backing the bus		50
Each instance of touching a ball (progressive)		
7 21 42 50	Not to exceed 50 pts	50
Touching a barrier		50

Failure to:

To attempt this event		50
Head / clearance lights on / not in proper seating position		50
Door closed		50
Palming		10

Equipment:

8 Adjustable standards W/tennis balls
Tape measure
Spray paint or chalk markers

Contestant: _____

OFFSET ALLEY SCORE SHEET

Points 50

Demerits minus _____

Score Earned _____

Add up total demerits and subtract from "Possible" points, that is the score earned. If over Max then charge Max.

Deduction of:

Each instance of stopping the forward motion 8 8 Max 16 16 _____
(Lug Nuts not Moving)

Backing the bus 50 _____

Each instance of touching a ball (progressive)

7 21 42 50 Not to exceed 50 pts..... 50 _____

Touching a barrier 50 _____

Failure to:

To attempt this event 50 _____

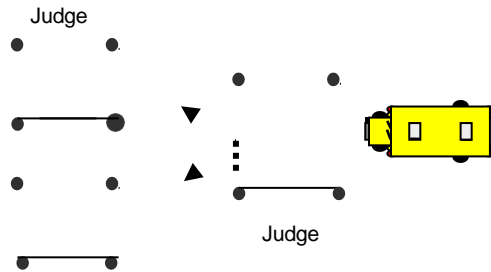
Head / clearance lights on / not in proper seating position 50 _____

Door closed 50 _____

Palming 10 _____

Comments:

Judging Note: Judges should maintain flexibility to move with the bus so close observation can be made of any contact with event obstacles.
Do not be visible in driver's mirrors



Stanchions are set 10' by 10' tennis ball to tennis ball

Do not reset the event until last bus clears last
Obstacle and score sheet is completed & signed
Circle on schematic which ball/s or barrier was touched

Official: _____

STOP LINE GUIDELINES

Points: 25

PURPOSE OF EVENT: To evaluate the driver's depth perception and ability to use the cross-over mirror to stop the bus at a predetermined line. The contestant will drive up to the line **once** and stop. Judgment will be made from the front of the bus bumper or mechanism on bumper which is out the furthest. The driver will set brake, place bus in neutral, and sound the horn to notify the official to score the event.

Deduction of:

Driving over stop line Max 25 25

3 Demerits will be given for every two 2 inches from the furthest point of the front of the bus bumper

0" to 2" 00

2" to 4" 03

4" to 6" 06

6" to 8" 09

8" to 10" 12

10" to 12" 15

12" to 14" 18

14" to 16" 21

Over 16" 25

Stopping more than once 25

Failure to:

7 pt. check of mirrors before moving 25

Set brake, bus in neutral, honk for judgment 10

Have head/clearance lights on / not in proper seating position 25

Keep door closed 25

Palming 10

Equipment:

"T" square

Chalk or tape for lines

Contestant: _____

STOP LINE SCORING SHEET

Points 25

Demerits minus _____

Score Earned _____

Add up total demerits and subtract from "Possible" points, that is the score earned, if over Max then charge Max.

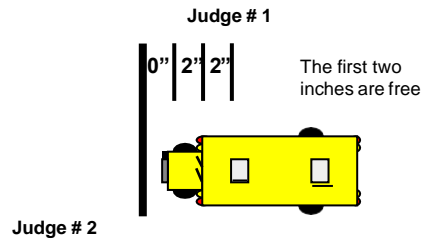
Deduction of:

Driving over stop line (Max 25)	25	_____
Measurement made from front bumper or mechanism on bumper which is out the furthest		
0" to 2"	00	_____
2" to 4"	03	_____
4" to 6"	06	_____
6" to 8"	09	_____
8" to 10"	12	_____
10" to 12"	15	_____
12" to 14"	18	_____
14" to 16"	21	_____
Over 16"	25	_____
Stopping more than once	25	_____

Failure to:

7 pt. check of mirrors before moving	25	_____
Set brake, bus in neutral, honk for judgment	10	_____
Have head / clearance lights on / not in proper seating position	25	_____
Keep door closed	25	_____
Palming	10	_____

Comments:



Official: _____

CURBLINE GUIDELINES

Points: 50

PURPOSE OF EVENT: Evaluate the driver's skill in pulling close to the curb within a restricted distance. **Curb length will be 90 ft.** The driver will park a school bus next to a simulated curb without rubbing the side walls of either front or rear tires against the curb. Measurement will be taken at the bulge of the right rear dual. Judgment of the event shall include entering and departure from the parking space. Judges shall observe use of signal upon entry as well as signal and mirror use when the bus departs the curb.

Deduction of:

Failure to:

Look & point to all mirrors entering 7 pt. check.....	25
Use right turn signal.....	25
Cancel right turn signal	10
Apply parking brake, put bus in neutral, and honk horn	50

Hits either front or back barrier	50
Hitting the curb tire tread	50
Distance from the curb with the right rear tire bulge	
0" to 12"	00
12.1" to 18"	20
Over 18.1"	50

Backing of the bus	50
--------------------------	----

Failure to:

Use left turn signal	25
Cancel left turn signal	10
Look & point to all mirrors exiting	25

Did not attempt event / door open	50
Head / clearance lights on & not in proper seating position	50
Palming	10

Comments:

Contestant: _____

CURB LINE SCORE SHEET

Points 50

Demerits minus _____

Score Earned _____

Add up total demerits and subtract from "Possible" points that is the score earned, if over Max then charge Max.



Deduction of:

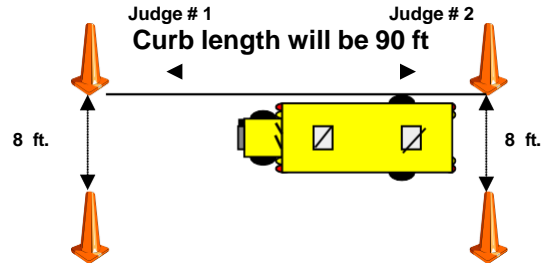
Failure to:

Use right turn signal	25	_____
Cancel right turn signal	10	_____
Apply parking brake, put bus in neutral, and honk horn	50	_____
Look & point to all mirrors entering	25	_____
Hits either front or back barrier	50	_____
Hitting the curb with the tire tread	50	_____
Distance from the curb with the right rear tire bulge		
0" to 12"	00	_____
12.1" to 18"	20	_____
Over 18"	50	_____
Backing of the bus	50	_____

Failure to:

Use left turn signal	25	_____
Cancel left turn signal	10	_____
Look & point to all mirrors exiting	25	_____
Did not attempt event / door open	50	_____
Head / clearance lights on & not in proper seating position	50	_____
Palming	10	_____

Comments: Measurements are from inside to inside of cones.



Official: _____

DIMINISHING CLEARANCE GUIDELINES

Points: 50

PURPOSE OF EVENT: Evaluate a driver's ability to drive a school bus in a smooth manner through an area with diminishing clearances. The contestant will drive in a straight line through a series of four sets of standards. The first set of standards will have the width of the bus plus eight (8) inches and the final set will have the width of a bus plus two (2) inches. Adjust the height of the tennis balls to miss mirrors, door handles, stop paddle, and wheel fenders. If unable to set them to miss, then include the equipment in the width measurements. The course will not be reset until contestant completes event.

Deduction of:

Each instance of stopping forward motion of bus lug nuts not moving		
4 4 4 4 4	Max 20	20
Check each instance of bus touching tennis balls		
10 10 10 10 10	Max 50	50
Bus strikes barrier		50
Backing bus		50

Failure to:

Head / clearance lights on / not in proper seating position	50
Keep door closed	50
Palming	10

Equipment:

- 8 adjustable standards with
- Extended arms with tennis balls
- Chalk line

Contestant: _____

DIMINISHING CLEARANCE SCORE SHEET

Points 50

Demerits minus _____

Score Earned _____

Add up total demerits and subtract from "Possible" points that is the score earned, if over Max then charge Max.

.....
Deduction of:

Each instance of stopping forward motion of bus (lug nuts not moving)

4 4 4 4 4 Max 20 20 _____

Check each instance of bus touching tennis balls

10 10 10 10 10 Max 50 50 _____

Bus strikes barrier 50 _____

Backing bus 50 _____

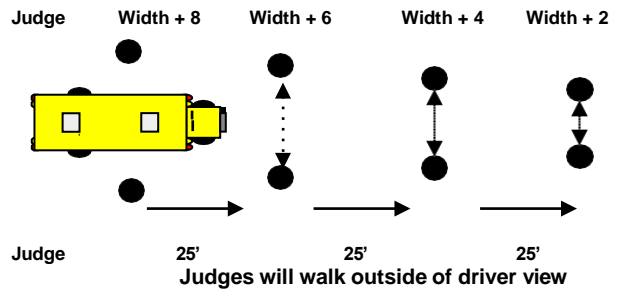
Failure to:

Head / clearance lights on / not in proper seating position 50 _____

Door closed 50 _____

Palming 10 _____

Comments:



Official: _____

STOP AND LOAD GUIDELINES

Points: 75

PURPOSE OF EVENT: To test the driver's ability to make a safe and legal school bus stop and to take on students. The driver will clearly look, and point to all mirrors, in a systematic order. Activate the proper lights, including the overhead alternating flashing amber's. Stop at least 10', and no more than 15' from student. Point to all mirrors and check area for safety Use proper procedure for stopping and loading. Activate the stop paddle, motion student to cross, open door, close door, re-check mirrors. Clear eye contact and visual pointing with finger at all mirrors, de-activate stop paddle and proceed.

Deduction of:

Failure to:

Activate overhead amber lights	75
On approach perform proper 7 point mirror check	75
Stop at least 10' to 15' from student	20
Set parking brake, put into neutral	75
Keep foot on brake	75
Use stop paddle switch to activate stop sign and red lights	30
Perform proper 7 point mirror check before student cross.....	75
Cross "student" to load (hand wave motion to cross)	75
Put bus in gear (rollback).....	75
Perform proper 7 point mirror check before leaving.....	75
Head / clearance lights on & be in proper seating position.	75
Attempt or complete this event	75
Backing of bus	75
Opening door before stopping	75
Moving before closing door	75
Moving before canceling red lights and stop sign	75
Palming	10

Contestant: _____

STOP & LOAD SCORE SHEET

Points	<u>75</u>
Demerits minus	_____
Score Earned	_____

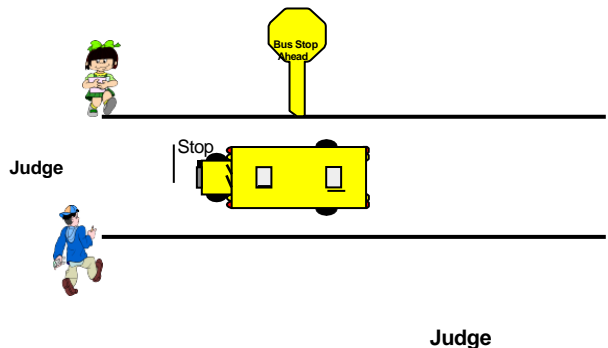
Add up total demerits and subtract from "Possible" points that is the score earned, if over Max then charge Max.

Deduction of:

Failure to:

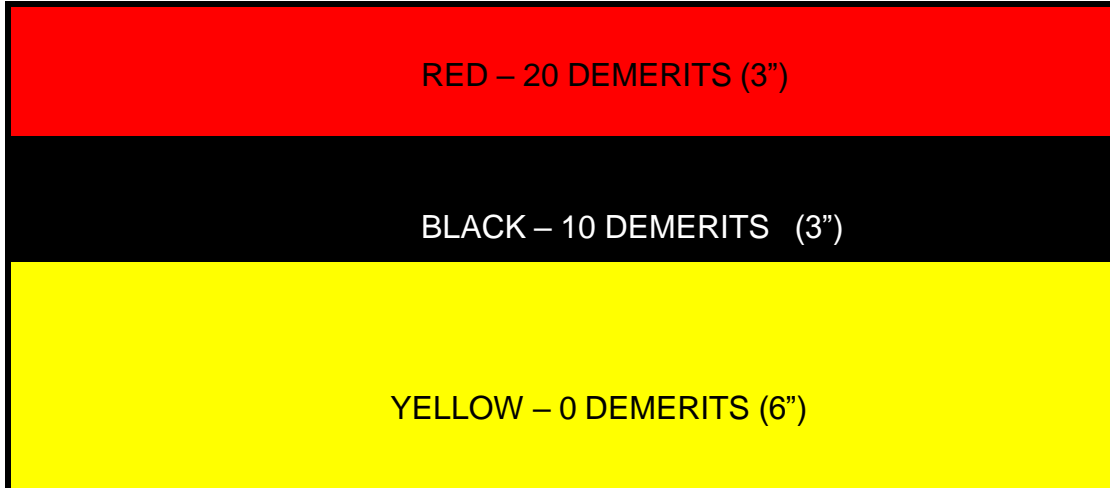
Activate overhead amber lights	75	_____
On approach perform proper 7 point mirror check	75	_____
Stop at least 10' to 15' from student	20	_____
Set parking brake, put into neutral	75	_____
Keep foot on brake	75	_____
Use stop paddle switch to activate stop sign and red lights	30	_____
Perform proper 7 point mirror check before student cross.....	75	_____
Cross "student" to load (hand wave motion to cross)	75	_____
Put bus in gear (rollback).....	75	_____
Perform proper 7 point mirror check before leaving.....	75	_____
Head / clearance lights on & be in proper seating position.	75	_____
Did not attempt or complete this event	75	_____
Backing of bus	75	_____
Opening door before stopping	75	_____
Moving before closing door	75	_____
Moving before canceling red lights and stop sign	75	_____
Palming	10	_____

Comments:



Official: _____

RIGHT TURN EVENT SCORE PAD DIMENSIONS



**Dimensions – 1/8 inch x 12 inch width x 36 inch length
RED and BLACK is 3 inches in width
Yellow is 6 inches in width**

JUDGEMENT IS MADE AT THE CENTER OF HUB PARALLEL TO TIRE

Measuring Gauge for the Back – In Stall

50	45	40	35	30	25	20	15	10	5	Free Zone	10	20	30	40	50
----	----	----	----	----	----	----	----	----	---	-----------	----	----	----	----	----

←-5 foot--→

←1 foot→

←-2.5 foot-→



WASHINGTON ASSOCIATION OF PUPIL TRANSPORTATION

CERTIFICATION

Certification signatures are required for your registration/entry to be complete.

Washington State Certification

I certify the above contestant has a current Washington State Bus Driving Authorization on file.

X _____
Supervisor or Driver Trainer Signature

Accident Certification

I certify the above contestant has not been involved in a reportable/preventable accident (see National Safety Council) and/or convicted of or forfeited bail on a moving violation or any pending moving violation with the proceeding twelve (12) months up to and including date of competition

X _____
Supervisor or Driver Trainer Signature

Contestant Certification

I will be bound by all rules and regulations governing the WAPT School Bus Driver Safety Competition. I have received, read and understand the Contestant Handbook. I understand Contestant Drive-Through is a visual orientation only. I acknowledge that all judge's decisions are final.

_____ X _____
Date Contestant Signature