



Road Safety Module



Road Safety



Content Driving Safety.

Traffic Lights & Signs.

Good / Bad Habits in Driving.

Accident Cause & Cautionary
Manoeuvres



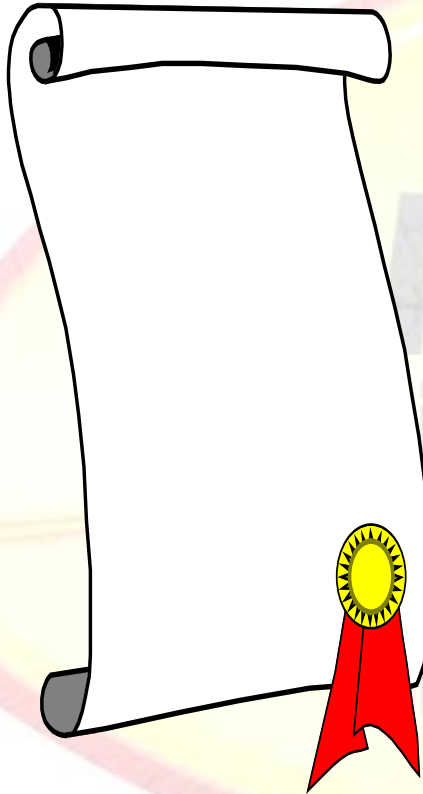
Safety While Driving

Driving Attitudes

- ◆ **ALERTNESS**
- ◆ **AWARENESS OF SURROUNDINGS**
- ◆ **COOLNESS**
- ◆ **CONSIDERATION FOR OTHERS**
- ◆ **POLITENESS & HELPFUL ATTITUDE**



Do not Drive without these Documents



1. Valid driving licence
2. Vehicle registration certificate (Form 23)
3. Valid vehicle's insurance certificate
4. Permit and vehicle's certificate of fitness (applicable only to transport vehicles)
5. Valid Pollution Under Control Certificate



ESSENTIAL ITEMS IN VEHICLE

- ◆ JACK
- ◆ SPARE TYRE
- ◆ TOOLS
- ◆ VEHICLE DOCUMENTS
- ◆ POLISH & CLOTH
- ◆ GLASS CLEANER
- ◆ FIRST AID KIT
- ◆ FIRE EXTINGUISHER
- ◆ SPARE FAN BELT
- ◆ HEADLIGHT BULBS / FUSE
- ◆ ROAD GUIDE
- ◆ SMALL TOWEL
- ◆ PAPER SOAPS
- ◆ TISSUE PAPER BOX
- ◆ WATER BOTTLE & GLASS
- ◆ NOTE PAD & PEN
- ◆ IMP TELEPHONE NO. LIST



Traffic Lights & Signs

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TRAFFIC SIGNALS



Basics Of Road Travelling Must be Followed



Traffic Signs

Mandatory Signs

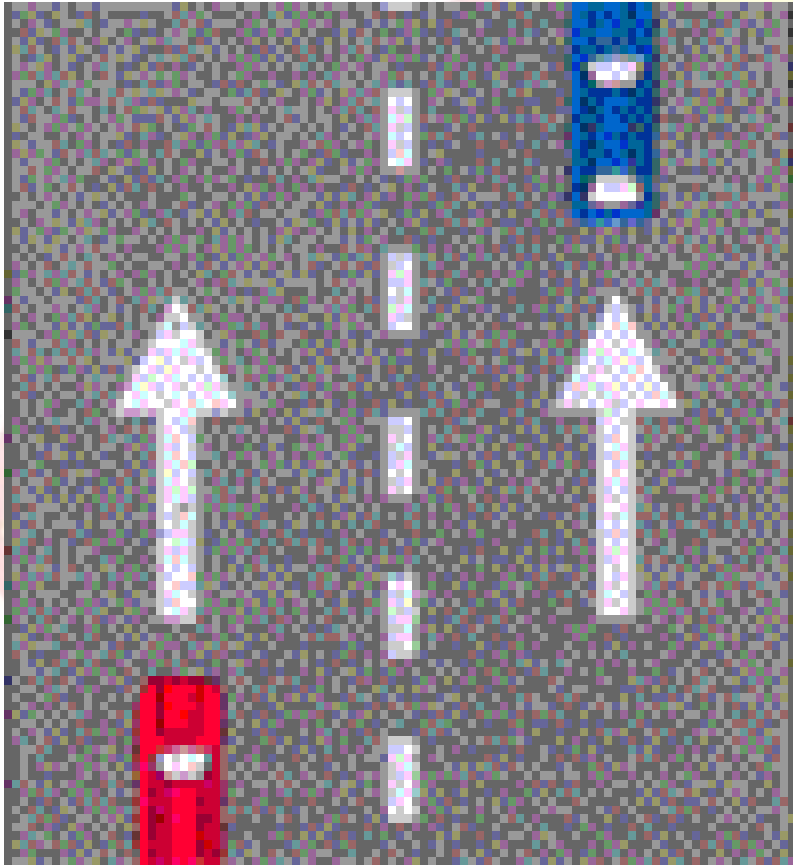
Straight Prohibited or no entry	One way signs-vehicles prohibited in one direction	One way signs-vehicles prohibited in one direction	Vehicles prohibited in both direction	All vehicles prohibited
Trucks prohibited	Cycles prohibited	Horns prohibited	Bullock carts and hand carts direction	Bullock carts direction
Tongas direction	Hand carts direction	Pedestrians prohibited	Right turn prohibited	Left turn prohibited
U-turn prohibited	Overtaking prohibited	No Parking	No stopping or standing	Speed limit
Width limit	Height limit	Length limit	Load limit	Axle load limit
Compulsory bus stop	Restriction ends sign	Compulsory cycle track	Compulsory sound horn	Compulsory keep left
Compulsory turn left	Compulsory turn right ahead	Compulsory ahead or turn right	Compulsory ahead or turn left	Compulsory ahead

Cautionary Signs

Right hand curve	Left hand curve	Right hair pin bend	Left hair pin bend	Right reverse bend
Left reverse bend	Steep ascent	Steep descent	Narrow road ahead	Road widens ahead
Narrow Bridge	Slippery Road	Loose Gravel	Cycle Crossing	Pedestrian Crossing
School Ahead	Men at Work	Cattle	Falling Rocks	Ferry
Cross Road	Gap in Median	Side Road Right	Side Road Left	Y-Intersection
Y-Intersection	Y-Intersection	T-Intersection	Staggered Intersection	Staggered Intersection
Major road ahead	Major road ahead	Roundabout	Dangerous dip	Hump or rough road



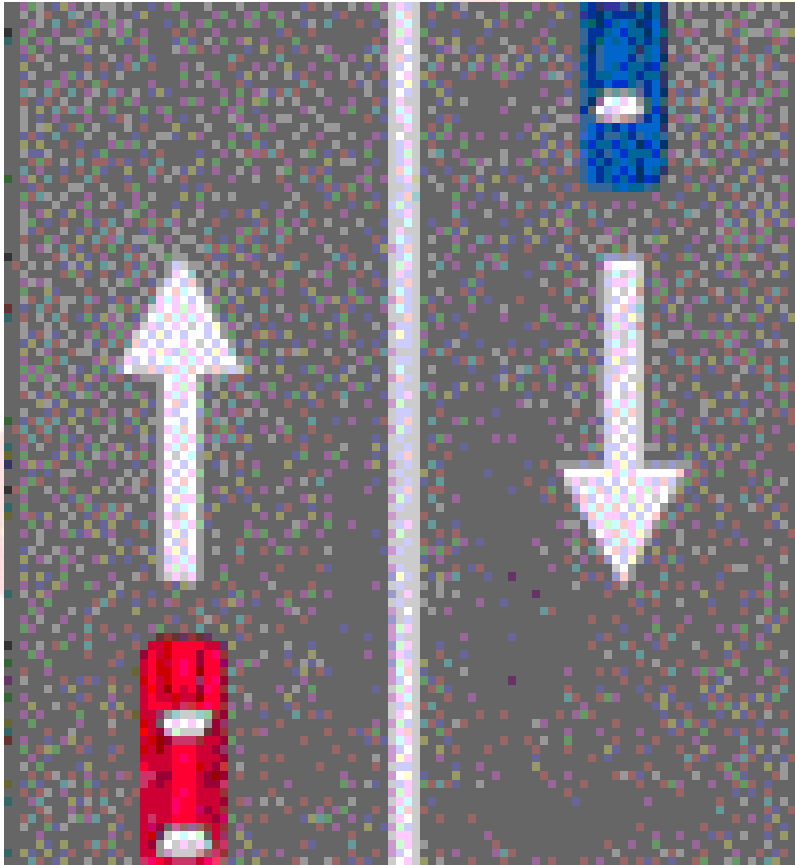
WHILE BROKEN LINE



लेन विभाजन किया गया है,
बायीं लेन कम गति मध्य लेन
मध्यम गति और दायीं लेन
तेज गति ।



WHITE CONTINUOUS LINE

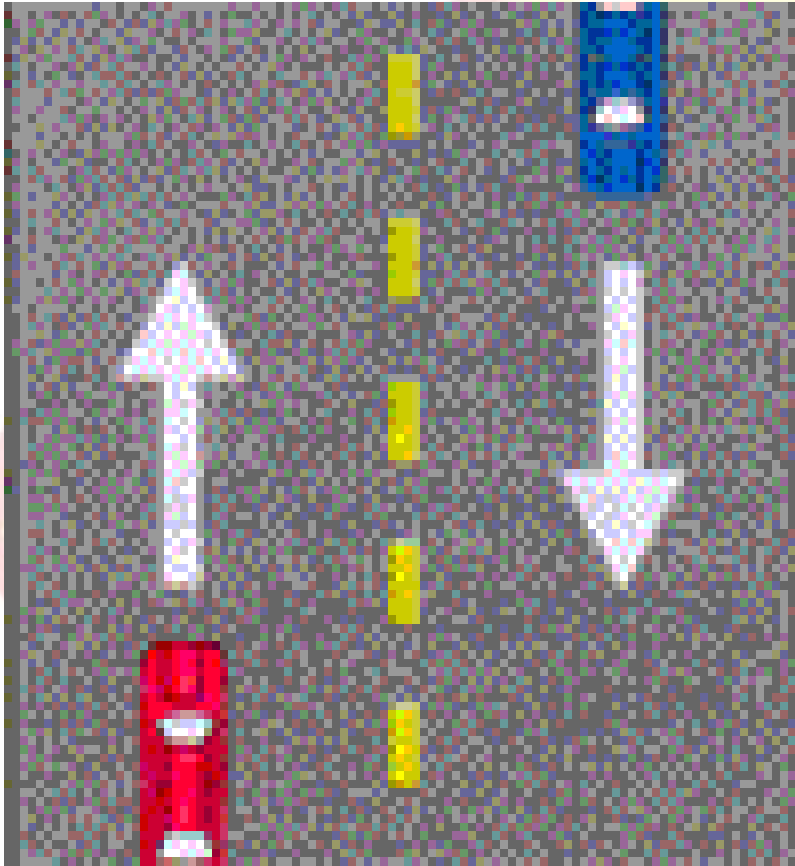


क्रास कर सकते हैं मगर
देखभाल से

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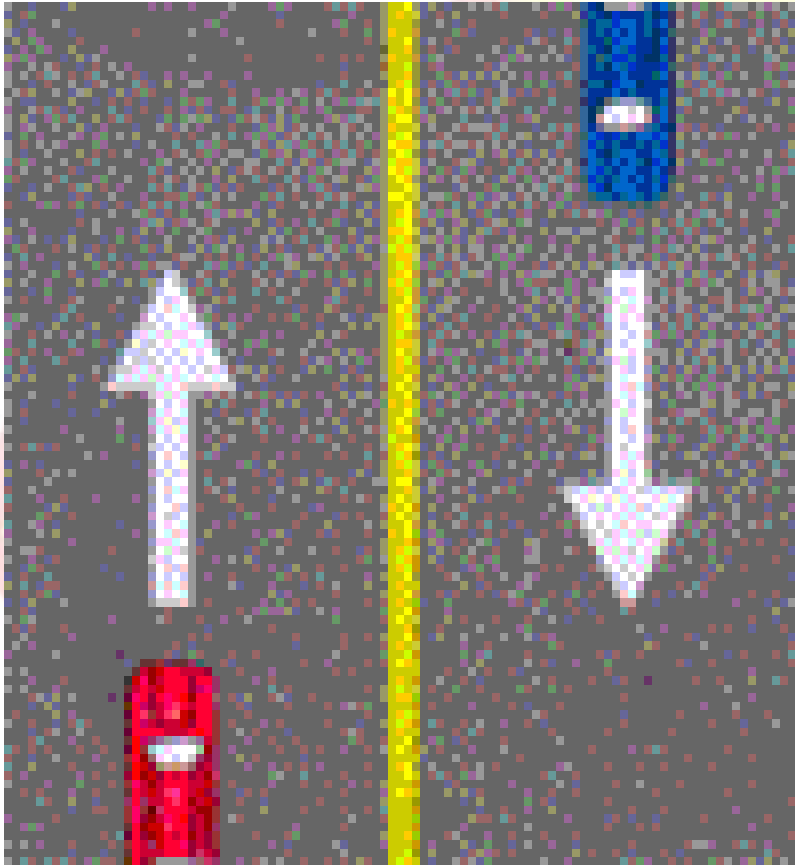
SINGLE YELLOW BROKEN LINE



सफेद रेखा की भान्ति
अकेली टूटी पीली रेखा



SINGLE YELLOW CONTINUOUS LINE

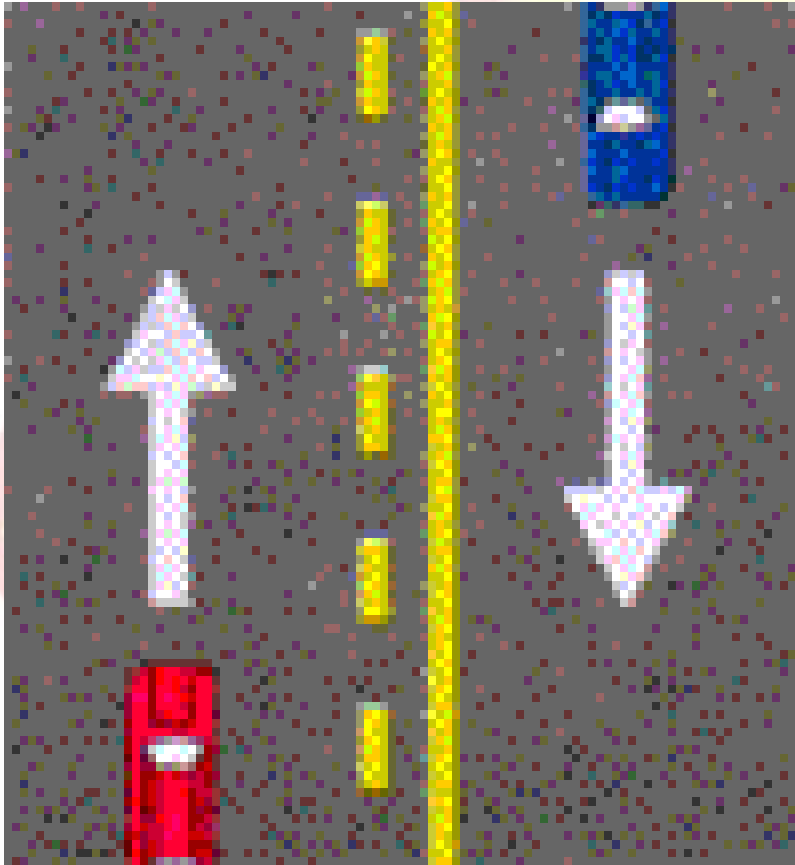


इसको पार नहीं कर सकते ।

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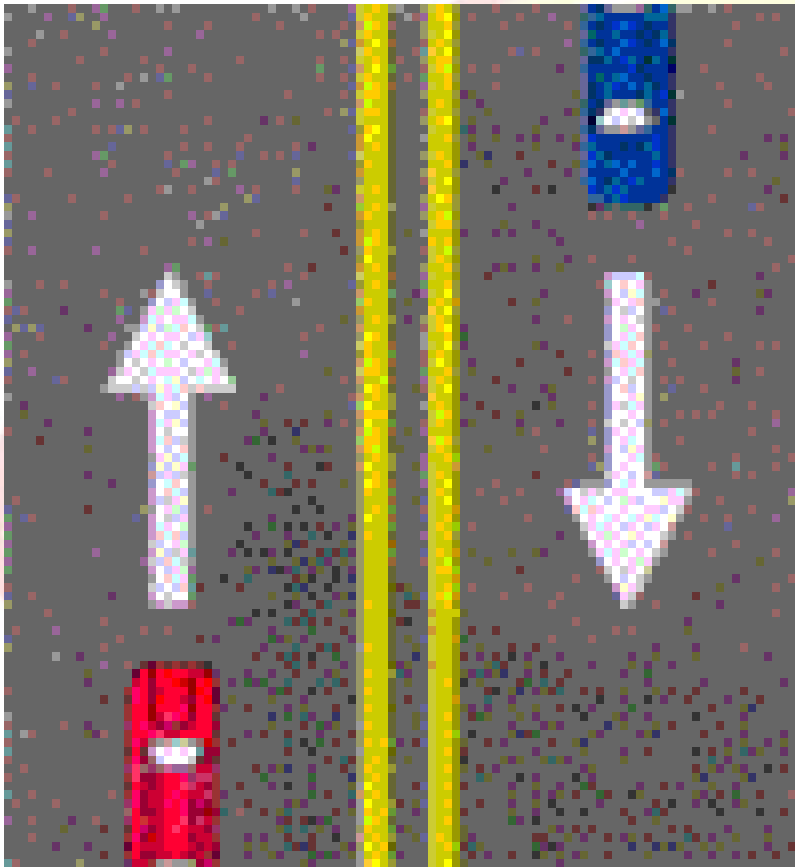
YELLOW BROKEN & CONTINUOUS LINES



जिस तरफ निरन्तर रेखा है उस दिशा का ट्रैफिक उसका पालन करेगा और जिस तरफ टूटी पीली रेखा है उस दिशा की वाहने उस रेखा संबंधित हिदायतों का पालन करेंगे ।



TWO YELLOW CONTINUOUS LINES



यह सीमेंट के विभाजन
की तरह है।



Good / Bad Habits in Driving

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STEERING

GOOD HABITS

- Both hands on the wheel as much as possible.
- Hands to be **10 and 2 position**.
- Resting gently.
- Push Pull Steering before start.



STEERING

BAD HABITS

- **One hand**
- **Steering by spokes**
- **Thumbs inside wheel**
- **Crossing arms**
- **Sawing the wheel**

Others are ?



“ A BETTER USE OF MIRRORS”

**AVOID ACCIDENTS WHEN CHANGING
LANES ... KEEP SIDE MIRRORS AT 90° TO REDUCE**

BLIND AREAS

Good visibility = Zero accidents



Always Check Your Blind Spot

Make sure you see other drivers and they can see you by doing the following:

- Keep a clear view when driving.
- The windows should not be coated with any material that keeps you from seeing out in any direction.
- Check and adjust your mirrors and find your blind spots. Check your blind spots by turning your head to look over your shoulder.



SIDE VIEW MIRROR

- 20% inside view
- 80% outside view





Accident Cause & Cautionary Maneuvers

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ACCIDENTS AND HOW TO AVOID THEM

- - > CAUSES OF ACCIDENTS**
 - > CAUTIONARY MEASURES**
 - > ACTION IN CASE OF ACCIDENTS**

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CAUSES OF ACCIDENTS

◆ **HUMAN FAILURES**

◆ **VEHICLE FAILURES**

◆ **ENVIRONMENTAL FACTORS**

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HUMAN FAILURES

- OVER -SPEEDING
- TAIL GATING
- DANGEROUS OVERTAKING
- WRONG LANE CUTTING
- NOT MAINTAINING LANE
- IGNORING TRAFFIC SIGNS
- PEDESTRIAN INTRUSION
- INATTENTIVENESS



VEHICLE FAILURES

❑ FAILURE OF BRAKES

❑ FAILURE OF STEERING

❑ LEAKAGES - FUEL, OIL, WATER OR COOLANT

❑ INCORRECT HANDLING OF CONTROLS

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ENVIRONMENTAL FACTORS

- ❖ **INADEQUATE LIGHT**
- ❖ **RAIN, FOG, MISTY & SMOKY CONDITIONS**
- ❖ **SLIPPERY CONDITIONS OF ROAD**
- ❖ **UNMARKED LEVEL CROSSINGS ETC.**
- ❖ **SUDDEN OBSTRUCTIONS**
- ❖ **ROAD CONSTRUCTION & CONDITIONS**



Cautionary Maneuvers

- **BRAKING**
- **CORNERING**
- **OVERTAKING**
- **REVERSING**
- **HEAD LIGHT FAILURE**
- **NIGHT DRIVING CAUTION**
- **ACCELERATOR STUCK**

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BRAKING

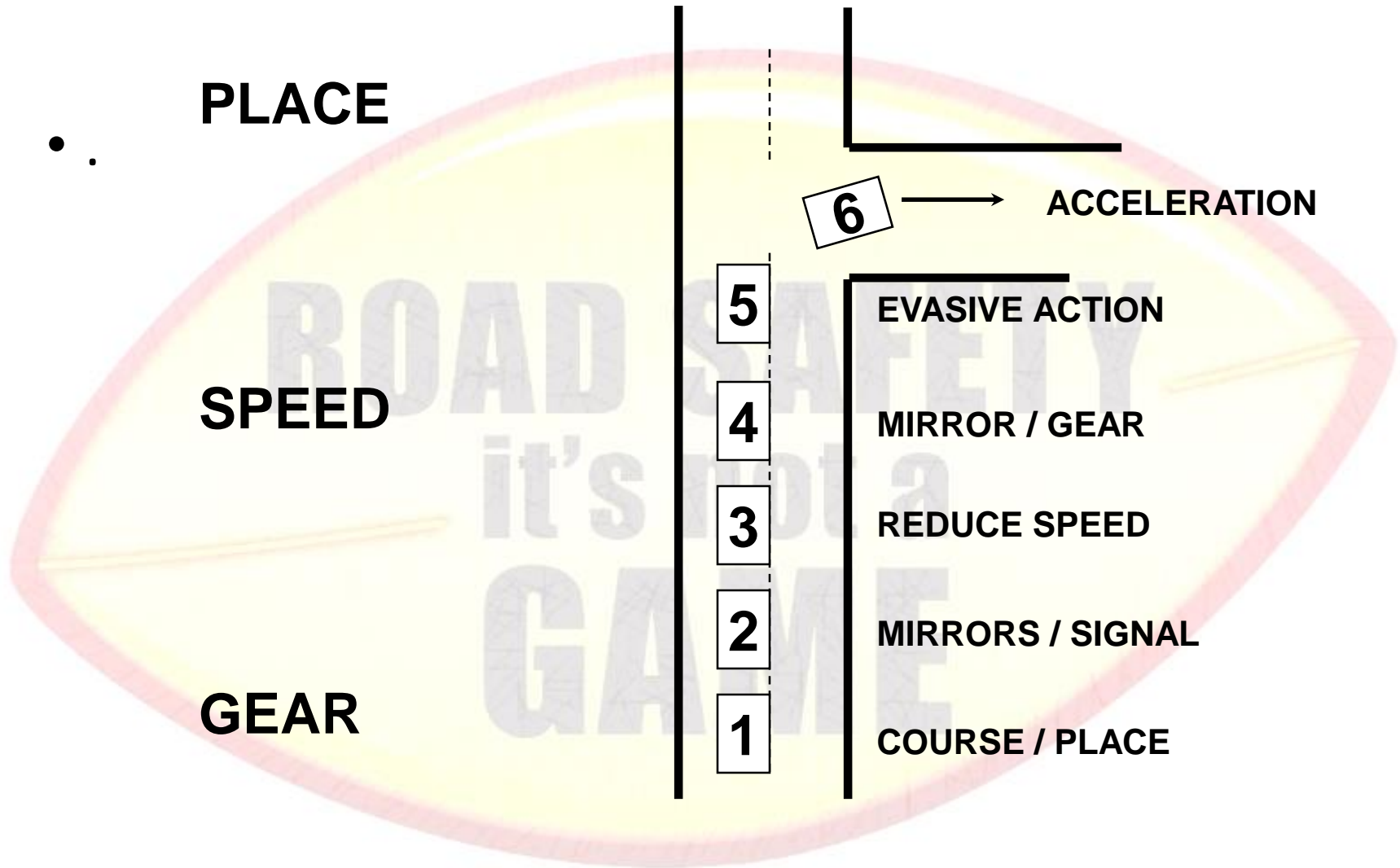
- More important than being able to accelerate and change gear is the ability to slow down or stop the vehicle when required. There are two ways in which this may be done:
- by deceleration as the pressure on the accelerator pedal is relaxed
- by the applications of the brakes
- On a good dry road the average vehicle should be capable of stopping in the following distance:

Speed in km/h	Reaction Time Distance in Metres/.75 sec	Braking Distance in metres	Stopping in metres
60	12	21	33
80	16	38	54
100	20	60	80
110	22	73	95

These distances will, of course, increase considerably in wet or slippery conditions.



CORNERING



PLACE

SPEED

GEAR

5

4

3

2

1

6

ACCELERATION

EVASIVE ACTION

MIRROR / GEAR

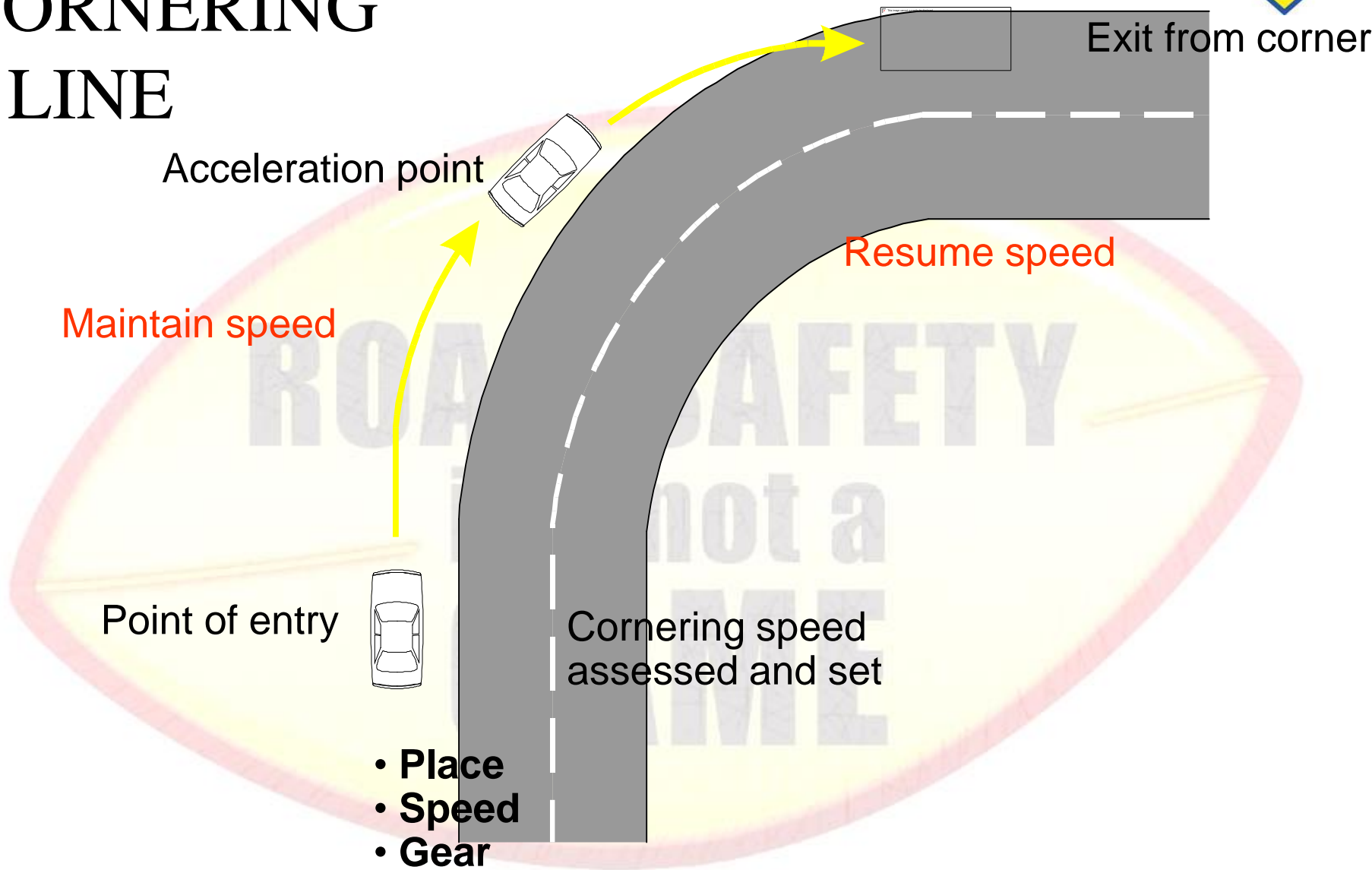
REDUCE SPEED

MIRRORS / SIGNAL

COURSE / PLACE



CORNERING LINE





REMEMBER

- **PLACE** : You need to be in the correct place.
- **SPEED** : You need to be traveling at the right speed.
- **GEAR** : You need to be in correct gear.

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OVERTAKING

- ◆ **BE SURE YOUR VEHICLE HAS THE NECESSARY SPEED AND ACCELERATION TO OVERTAKE**
- ◆ **CHECK THE TRAFFIC FROM REAR**
- ◆ **GIVE WARNING BY HORN OR FLASH LIGHTS TO ALERT THE DRIVER**
- ◆ **RETURN TO YOUR LANE AFTER OVERTAKING**



REVERSING

- ❖ **NEVER REVERSE FROM THE SIDE ROAD INTO A MAIN ROAD**
- ❖ **ALWAYS CHECK FOR ANIMALS OR CHILDREN BEFORE REVERSING**
- ❖ **USE HORN WHILE REVERSING**
- ❖ **FOR A BIGGER VEHICLE ALWAYS USE ASSISTANCE FROM ANOTHER PERSON GUIDANCE IN PROPER REVERSING**



Cautions Required In:-

- **HEAD LIGHT FAILURE**
- **NIGHT DRIVING CAUTION**
- **ACCELERATOR STUCK**
- **PARKING**
- **ACTION IF ACCIDENT HAPPENS**

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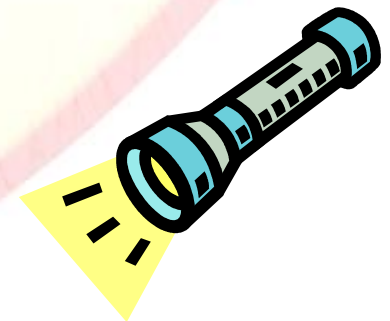
HEAD LIGHTS FAILURE

- **TRY THE DIMMER SWITCH**
- **TRY THE HEAD LIGHTS A FEW TIMES**
- **TRY THE PARKING LIGHTS, EMERGENCY FLASHES OR TURN SIGNAL**
- **SLOW DOWN, PULL OFF THE ROAD AND LEAVE THE EMERGENCY FLASHES ON**



Driving at Night

- Headlights need to be working correctly
- Speed needs to be commensurate with visibility
- Understand white light/grey light
- Recognise potential hazards
- Carry appropriate safety equipment





ACCELERATOR STUCK

- KEEP YOUR EYES ON THE ROAD
- SHIFT TO NEUTRAL GEAR
- PULL OFF THE ROAD WHEN SLOWED DOWN
- SWITCH OFF THE ENGINE AND TURN ON EMERGENCY FLASHES

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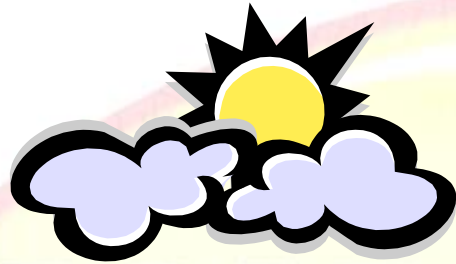
PARKING IS NOT PERMITTED AT

- **NO PARKING PLACES**
- **BRIDGES OR CULVERTS**
- **IN FRONT OF ENTRANCE OR EXITS OF PUBLIC PLACES LIKE BANKS, SCHOOLS, CINEMAS, HOSPITALS ETC.**
- **WITHIN 5 METERS OF FIRE HYDRANTS, WITHIN 50 METERS OF TRAFFIC SIGNAL**
- **AT CROSSINGS OR T - JUNCTIONS**
- **WITHIN 15 METERS OF A BUS-STAND / TAXI STAND OR A ZEBRA CROSSING**



ACTION IN CASE OF ACCIDENTS

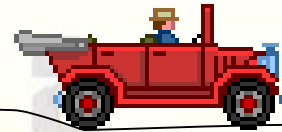
- ◆ **RENDER FIRST AID / MEDICAL HELP TO INJURED**
- ◆ **NOTE DOWN REGISTRATION NO., INSURANCE CO. ETC OF THE OTHER VEHICLE OR ADDRESS OF PERSONS INVOLVED**
- ◆ **INFORM HMSI COORDINATOR IMMEDIATELY**
- ◆ **AWAIT POLICE IN CASE OF DEATH OR SERIOUS INJURIES**



Drive Safe

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Thank You