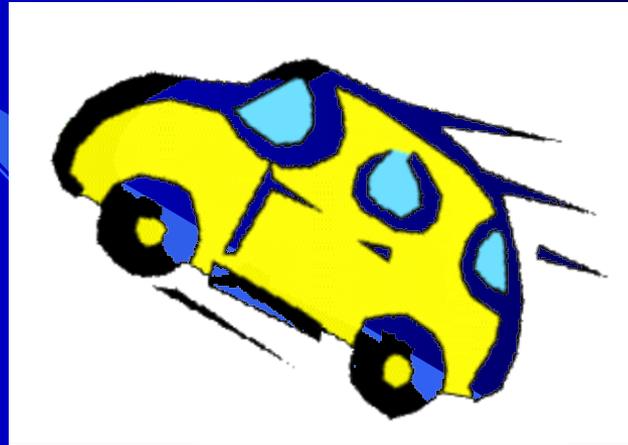


Roadway Variations



Hills

Hills

- Hills require adjustments in driving because...

Hills

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**Shortened sight distance near the crest
of hills**

Hills

- Hills require adjustments in driving because...

Shortened sight distance near the crest of hills

Tendency for the vehicle to speed up and an increased stopping distance when going down hill

Hills

- Hills require adjustments in driving because...

Shortened sight distance near the crest of hills

Tendency for the vehicle to speed up and an increased stopping distance when going down hill

Tendency for the vehicle to slow down when going up hill

As you approach the crest of a
hill...

As you approach the crest of a hill...

- **Stay to the right of your lane**
 - **(Lane position 3)**

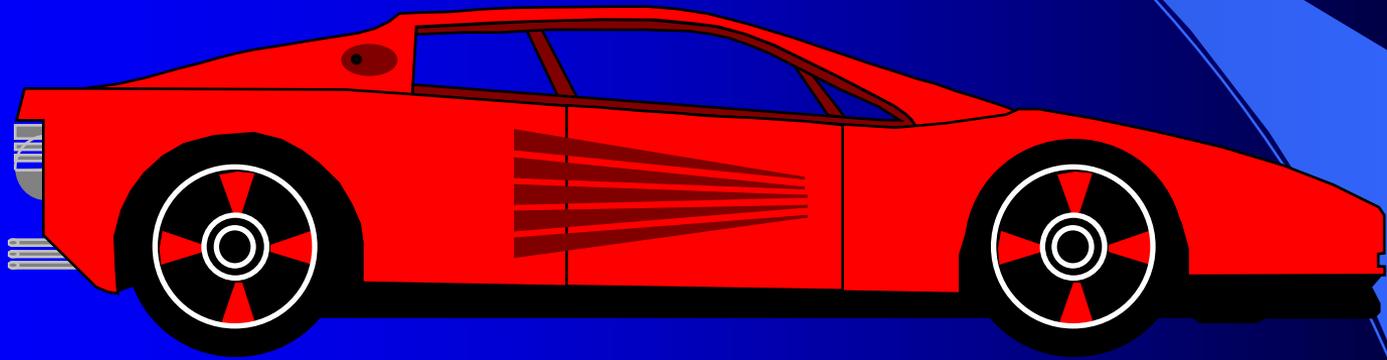
As you approach the crest of a hill...

- Stay to the right of your lane
 - (Lane position 3)
- **Be prepared to react quickly should something appear in your lane**

As you approach the crest of a hill...

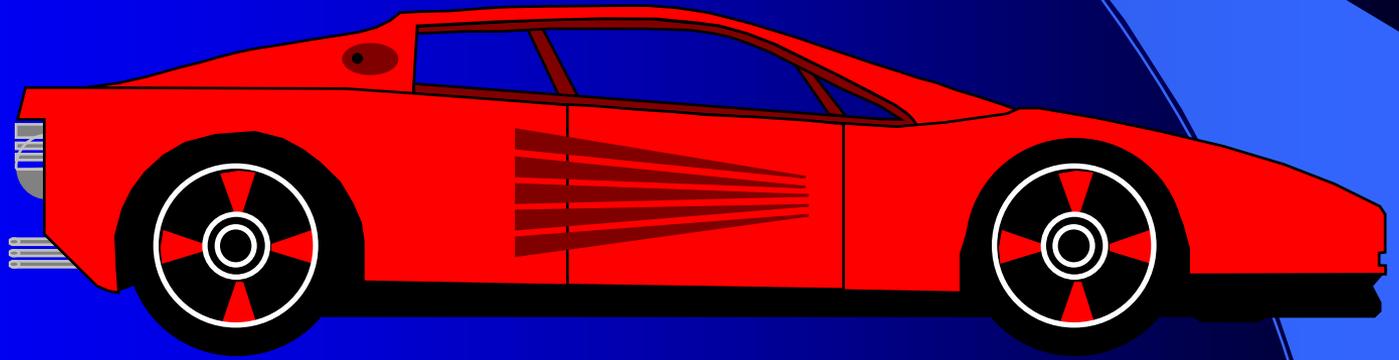
- Stay to the right of your lane
 - (Lane position 3)
- Be prepared to react quickly should something appear in your lane
- **Slow down if you are in an area where animals, farm vehicles, or other obstacles could be on the road.**

Down Hill



Down Hill

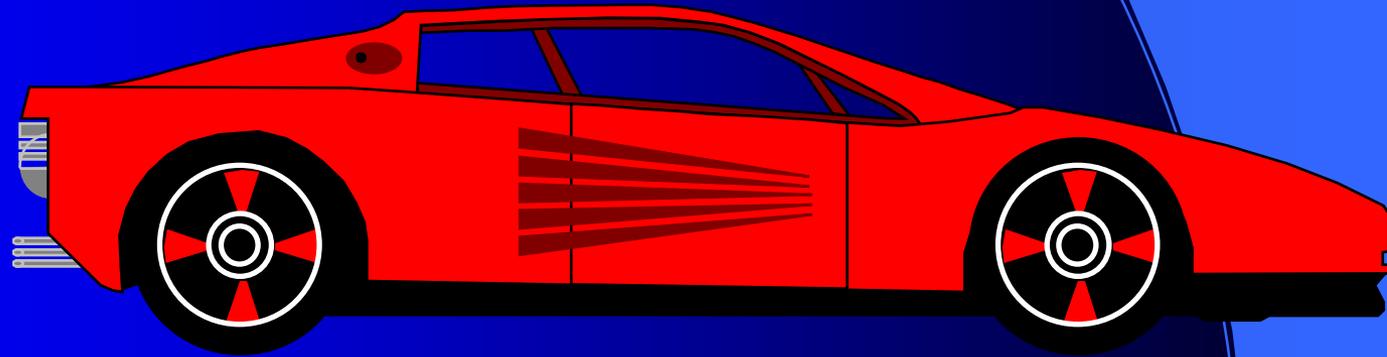
Always keep your vehicle in gear.



Down Hill

Always keep your vehicle in gear.

Watch your speed carefully!



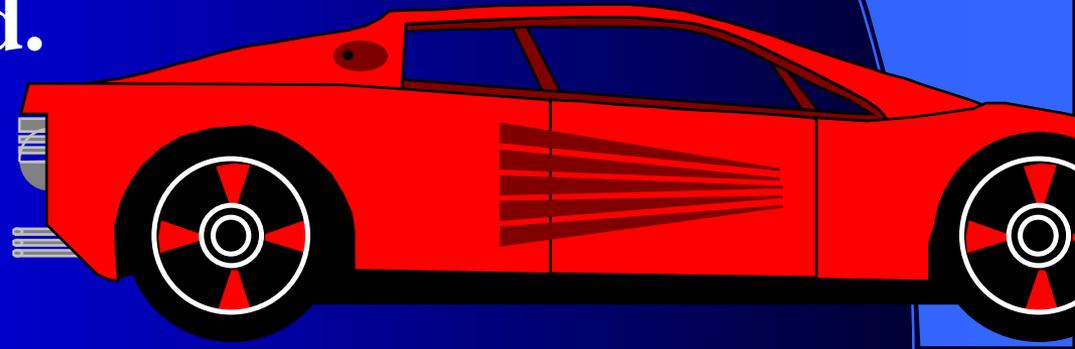
Down Hill

Always keep your vehicle in gear.

Watch your speed carefully!

Let up on the gas and use controlled braking.

-Squeeze the brake firmly, then ease up to maintain speed.



Down Hill

Observe other vehicles, especially trucks

-Extra weight of trucks tends to make speed increase even more.

Down Hill

Observe other vehicles, especially trucks

-Extra weight of trucks tends to make speed increase even more.

Observe hill signs for indication of steep downhills.



Down Hill



Up Hill

Up Hill

- **Increase accelerator pressure to maintain speed.**

Up Hill

- Increase accelerator pressure to maintain speed.
- **Be alert for smaller cars, trailers, or trucks who may not be able to maintain speed up the hill.**

Up Hill

- Increase accelerator pressure to maintain speed.
- Be alert for smaller cars, trailers, or trucks who may not be able to maintain speed up the hill.
- **Do not pass if you are not able to see over the crest of the hill.**

Recommendations for Hills



Recommendations for Hills

- **Observe and obey hill signs**

Recommendations for Hills

- Observe and obey hill signs
- **Stay in lane position 3**

Recommendations for Hills

- Observe and obey hill signs
- Stay in lane position 3
- **Maintain speed control, both up and down hill.**

Recommendations for Hills

- Observe and obey hill signs
- Stay in lane position 3
- Maintain speed control, both up and down hill.
- **If the downhill is steep, shift to a lower gear to obtain braking effect (deceleration) of the engine**