

Speed and Tires

# Preventing Excess Speed on Curved Roads

Supplies: Paper and pencil.

Instructions:

Divide the class into groups of 4 or 5.

1. Each group selects a recorder

2. Have the students develop a list of reasons for:

* Why do drivers speed?
* Why do drivers enter curves too fast?

3. Have students list ways to prevent speeding.

4. Have students list ways to prevent speeding into curves

5. Identify ways to identify curves ahead of time

Discuss following distances in relation to curves and hazards that may be on rural roadways.

# Shows Relationship Between All Four Tires During Various Conditions

Supplies: Create a transparency showing the footprints made by the tires during various maneuvers. Make two transparencies. On the second one, remove the description of the tire footprint. Show the transparency and ask what maneuver the vehicle is making. Confirm the answers by showing the first transparency with the answers.

Instructions:

Diagram of tires during braking and accelerationDiagram of when the car is steering left without braking, steering left and braking, and steering left and accelerating.