

Straight Paths Driving School

Section 1: Gravity and Energy of Motion

\_\_\_\_\_ is the force that pulls all things to \_\_\_\_\_. It affects driving \_\_\_\_\_ and \_\_\_\_\_ hills as well as taking \_\_\_\_\_. The vehicle's \_\_\_\_\_ of \_\_\_\_\_, or \_\_\_\_\_ energy, \_\_\_\_\_ as the vehicle increases in \_\_\_\_\_ and \_\_\_\_\_.

Section 2: Friction and Traction

\_\_\_\_\_ occurs when two \_\_\_\_\_, such as a \_\_\_\_\_ and the \_\_\_\_\_, rub together. We call the friction between a tire and the road \_\_\_\_\_. The \_\_\_\_\_ of your tires and the road's surface, as well as \_\_\_\_\_ in the road, can affect \_\_\_\_\_.

Section 3: Stopping Distance

\_\_\_\_\_ distance is comprised of \_\_\_\_\_ parts: \_\_\_\_\_ distance, \_\_\_\_\_ distance, and \_\_\_\_\_ distance. The \_\_\_\_\_ -- \_\_\_\_\_ rule will help you estimate \_\_\_\_\_ distance, but the actual \_\_\_\_\_ distance will be affected by \_\_\_\_\_, vehicle \_\_\_\_\_, \_\_\_\_\_ surface, driver \_\_\_\_\_, \_\_\_\_\_ brakes, \_\_\_\_\_, and vehicle \_\_\_\_\_.

Section 4: Controlling Force of Impact

The \_\_\_\_\_ and \_\_\_\_\_ of the vehicle and the \_\_\_\_\_ between \_\_\_\_\_ and \_\_\_\_\_ determine \_\_\_\_\_ of impact during a \_\_\_\_\_. In collisions, proper use of vehicle \_\_\_\_\_ devices, such as \_\_\_\_\_ and \_\_\_\_\_ bags, can improve automobile \_\_\_\_\_.