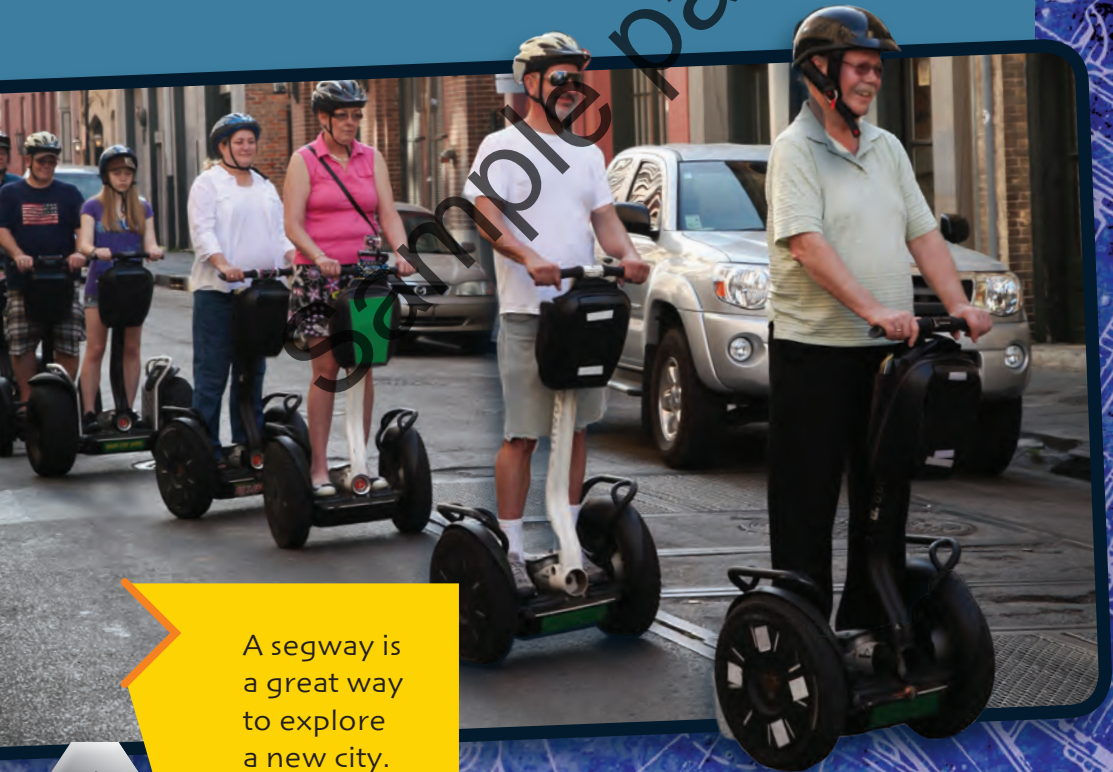


The Segway

The Segway is a two-wheeled vehicle. It is designed to be driven standing up. The Segway works on balance. When you walk, your body's automatic reaction is to move a leg forward. This is because fluid in your inner ear moves and tells your brain to trigger your leg's reaction. Your brain keeps telling your legs to move one in front of the other and you move forward.



A segway is a great way to explore a new city.



The Segway works in a similar way. To move forward, the driver leans forward on the Segway. Tilt sensors inside the Segway work like the inner ear. They let micro-processors know that the driver is off balance. The micro-processors communicate with a battery-powered motor.

The motor turns the wheels at the right speed to keep the Segway upright and move it forward. To stop, the driver leans back again. Handlebars allow the driver to turn left or right.