



**How do forces impact the safety of vehicles?**

What are the ways humans move?

Can we protect ourselves from harmful forces?

What is a force?

Are forces different on light and heavy objects?

Where do forces come from?

If a ball stops, does that mean forces stop too?

What are good or bad forces?

Are forces the same on earth and in space?

How can you tell if forces made someone or something move?

What was the 1st vehicle people used?

What ways do people move on water, on land, in air?

How do people move in air?

Where does the energy come from for push and pull in bikes, cars, skis, or boats?

What do wheels do to help people move?

Are there laws involving vehicle safety?

What dangers might be in hot air balloons, rockets, or airplanes?

What are built in safety features in amusement park rides?

What are safety features in cars, trucks? built in or attached later?