

Friction

Friction is the resistance to motion of one object moving relative to another. It is not a fundamental force, like gravity or electromagnetism. Instead, scientists believe it is the result of the electromagnetic attraction between charged particles in two touching surfaces.



[Bill Nye The Science Guy - S03E08 - Friction - Best Quality \(youtube.com\)](#)

Frictional forces provide the traction needed to walk without slipping, but they also present a great measure of opposition to motion.

[Types of friction include kinetic friction, static friction, and rolling friction.](#)