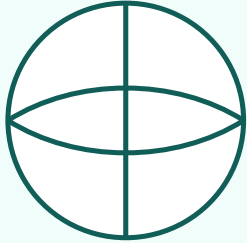


Forces and Motion

3rd Grade

What a force does, and the one that stops everything eventually.



A force is a push or a pull. It can make something start moving, stop, speed up, slow down or change direction.

- A bigger force makes a bigger change.
- Friction is the force between two surfaces rubbing.
- Rough surfaces make more friction than smooth ones.
- Gravity pulls everything towards the centre of Earth.
- Air resistance is friction against the air.
- With balanced forces, nothing changes — it stays still or keeps going.

LOOK FOR IT

A ball rolls further on tile than on carpet because tile gives less friction.

Nothing stops by itself. Something always stops it — usually friction.