

# VIDYA BHAWAN BALIKA VIDYAPEETH

## STUDY MATERIAL SCIENCE CLASS-VIII

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### ▸ Friction REVISION (Notes)

**Friction:** Friction is the form of force, which opposes the relative motion between the two surfaces in contact and it acts on both the surfaces.

**Rolling Friction:** When one body rolls over the surface of another body, the resistance to its motion is called the rolling friction.

**Sliding Friction:** When one surface is sliding over the other surface, sliding friction comes into play.

**Static Friction:** Static friction comes into play to counterbalance the applied force on the body.

**Fluid Friction:** Fluid exerts the force of friction on objects in motion through them

**Ball Bearing:** Ball bearings reduce friction. They are used between hubs and the axles of ceiling fans and bicycles.