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STUDY MATERIAL SCIENCE CLASS-VIII

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▸ 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.

Fluid Friction can be minimised by giving suitable shapes to bodies moving in fluids.

To overcome fluid friction bodies of fish and birds are streamlined. Similarly, the ships and aeroplanes are also made streamlined.

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