

Transfer of Heat

Conduction

The process by which heat is transferred from the hotter end to the colder end of an object.



Transfer of heat by direct contact



In solids, generally, heat is transferred by conduction

Convection

The process by which warmer portion of fluid rises to its cooler portion. The cooler portion then takes place of warmer portion.



Transfer of heat by movement of fluid



Happens in ocean and atmosphere

Radiation

The process by which object is heated without any contact with the heat source.



Medium or no medium is required for transfer of heat



All hot bodies radiate heat

