

Lesson 8 - Heat Transfer by Conduction

Conduction – the transfer of thermal energy through a solid by the collision of particles.

In *solids*, particles are packed closely together. As one particle is heated it *gains* energy, moves *faster*, and *bumps* into the other particles which transfers the *energy*.

These collisions continue and the thermal energy is transferred through the solid object.

Not all solids are equally good conductors – some are better than others.