**Vocabulary:** **Conduction and Convection**



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* Conduction – the transfer of heat from one object to another by direct contact.
	+ When you touch a hot potato, heat is transferred to your finger by conduction.
	+ When you touch a cold ice cube, heat is transferred away from your finger by conduction.
* Conductor – a material that allows heat to flow through.
	+ Most metals are good conductors.
* Convection – transfer of heat through movement of matter.
	+ In a *convection current*, a hot material rises while a cool material sinks. For example, heated air inside a hot-air balloon causes the balloon to rise.
* Insulator – a material that resists the flow of heat.
	+ Nonmetals are usually good insulators.