

## Heat Transfer Song

Heat is transferred three ways, Oh, oh  
From one place to another in waves, Oh, oh  
Always moving from hot to frozen, Oh, oh  
Moves better through some material, Oh

Convection's how energy in fluids will go  
When liquids or gasses are heated they grow  
As it expands and rises from the floor  
Cool air is going down, going down

Convection, the way fluids transfer energy  
Radiation, waves are traveling through space  
Conduction, heat through solids, Oh  
Convection- they are currents  
Radiation- the spectrum  
Conduction, Yeah, it's touching, Oh Yeah

Electromagnetic waves go through space, Oh, oh  
The sun comes down with all its rays, Eh  
Heating an object transferred by waves, Yeah  
Examples- a campfire and microwaves, Yea..eah

The spectrum is radio through gamma rays  
You feel the rays of the sun on your face  
Since there's no air or water in space  
Radiation brings the heat, to this place

Convection, the way fluids transfer energy  
Radiation, waves are traveling through space  
Conduction, heat through solids, Oh  
Convection- they are currents  
Radiation- the spectrum  
Conduction

Break it down, Ow, Come on, Ow, Let's go, Ow  
I touched the hot pan when I was cooking  
Ow, Ow, Ow, Come on  
I'll be screaming out when I feel the sting  
Conduction's the transfer of heat of things joined  
It happens when substances directly touch  
Conductors will make the heat travel faster  
Good ones are copper, iron, steel, silver

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And Conduction

