



Conduction Exhibits



Holding Heat

Participants will learn that different materials conduct heat away from their hands at different rates.

<https://www.youtube.com/watch?v=A-RVzAKnFwc>



Heat Races

Participants will learn that metal is a better conductor of heat energy than wood.

<https://www.youtube.com/watch?v=mekjtINJ67I>

A look inside the exhibit:

<https://www.youtube.com/watch?v=3ZVHvajVyq8>



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Putting the Breaks on Heat

Participants will learn that a layer of insulation (a thermal break) can be used to reduce the flow of heat energy through a wall section of a house.

<https://www.youtube.com/watch?v=8-l7tvkPiA4>



Which Window?

Participants will learn that metal window frames are better conductors of heat than ones made from plastic.

<https://www.youtube.com/watch?v=P9NivhWEFVE>

A look inside these exhibits:

https://www.youtube.com/watch?v=Z_ZerLnF674