

Grade 3 Heat Resources

Heat Energy Examples – video animation

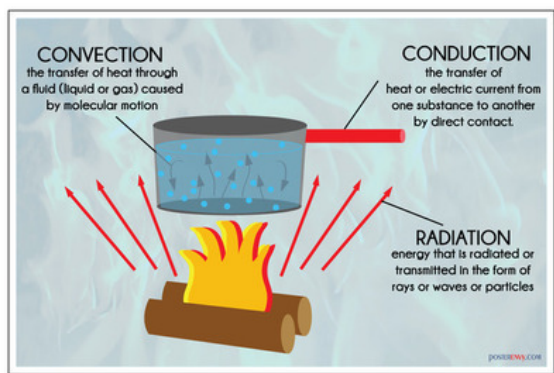
<https://www.youtube.com/watch?v=xg0lB4TmbBY>

An explanation of how hand warmers work:

<https://pubs.acs.org/cen/science/88/8804sci3.html>

This looks like a fun project – heat sensitive, colour changing slime

<http://leftbraincraftbrain.com/2015/04/23/heat-sensitive-color-changing-slime/>



An example of a student-created video about the three forms of heat transfer (good to show as an example to students before creating their own – discuss what was effective in communicating ideas and what was not)

<https://www.youtube.com/watch?v=1fbG4zt9xn4>

Children's Books

The Magic School Bus in the Arctic: A Book About Heat

Hot, Hotter, Hottest: Animals that Adapt to Great Heat by Michael Dahl

Janice VanCleave's Physics for Every Kid: 101 Easy Experiments in

Motion, Heat, Light, Machines, and Sound by Janice VanCleave

How Does Energy Work: Investigating Heat by Sally M. Walker

Hot and Cold by Angela Royston

How Heat Moves by Sharon Coan

Heat (Energy in Action) by Ian Mahaney

Energy: Heat, Light and Fuel by Darlene Stille

Temperature: Heating Up and Cooling Down by Darlene Stille

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