



# Science Virtual Learning

## MPI Physics 210

### Thermodynamics 1: Hot & Cold

May 7, 2020



Lesson: MPI Thermodynamics 1 - Hot & Cold  
May 7, 2020

**Objective: to introduce the concepts of hot, cold, and heat in terms of molecular motion**

This video discusses the concepts of hot, cold, heat, and temperature. No math!

[https://youtu.be/\\_Q95Yq4QA24](https://youtu.be/_Q95Yq4QA24)

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Video: Hot & Cold



# Homework

- Answer these in words:
  1. In terms of molecular motions, what happens to your arm when you stick it in cold water?
  2. In terms of molecular motions and collisions, explain why heat can only flow from hotter things to colder things.



That's it!

