



Science Virtual Learning

MPI Physics 240

Thermodynamics 2: Temperature

April 23, 2020



Lesson: MPI Thermodynamics 2 - Temperature
April 23, 2020

Objective: To understand how temperature is measured, and the origins of the Fahrenheit, Celsius, and Kelvin temperature scales.

This video discusses how temperature measurements were invented, and the reasoning behind the different temperature scales.

https://youtu.be/39_kEjXn6lk

Video: Temperature



Homework

1. “Room Temperature” is about 72.0°F .
What is it in Celsius? What is it in Kelvin?
 2. The melting point of lead is 601 K .
What is it in Celsius? What is it in Fahrenheit?
 3. If the temperature outside increases by 10.0°C , how much does it increase in K?
How much does it increase in $^{\circ}\text{F}$?
- Try to solve the problems yourself, then watch the solution video. It got cut off about 5 seconds too early, but that’s okay:
 - https://youtu.be/ze_HKcrYrtE



That's it!

