

Rio Americano High School AP Physics 2

AP2.03b Phase Change and Thermodynamics [S2C]

1. F 10/24 – Cosmos: A Spacetime Odyssey

Episode 3. When Knowledge Overcame Fear

2. B1 10/28 – Phase Change

Hewitt: Change of State

Guide: Phase Changes

Q&P Page/s < _____ > APFR:

3. B2 10/29 – The Little Heat Engine That Could

Springboard: The Heat Elevator

Q&P Page/s < _____ > APFR:

4. r 10/30 – The First Law of Thermodynamics

Springboard: First Law

FaStudy: Thermodynamics

Q&P Page/s < _____ > APFR:

5. F 10/31 – Pressure-Volume Processes 1

Springboard: PV Processes

Q&P Page/s < _____ > APFR:

6. M 11/3 – PV Processes 2

Q&P Page/s < _____ > APFR:

7. B1 11/4 – PV Cycles 1: Isobaric & Isochoric

Springboard: PV Cycles

Q&P Page/s < _____ > APFR:

8. B2 11/5 – PV Cycles 2: Isothermal & Adiabatic

Q&P Page/s < _____ > APFR:

9. r 11/6 – Wrap-up

Newton's Law of Cooling?

Mechanical Universe: Entropy?

Q&P Page/s < _____ > APFR:

10. F 11/7 - Unit Test AP2.03b

Essentials of College Physics Textbook: Chapters 10 and 11

Hewitt Drew It Screencasts: HEAT: Thermodynamics)

Make up the previous unit test as **soon as possible**; no later than Wrap-up Day. AP make up tests are administered after school only.