

# Rio Americano High School AP Physics 1 - 2016 •

## AP1.11 Post-Exam: Light Desserts + Final [5/4/16]

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### 1. r 5/5 – Color: Pixel Peeping [AP: CalcAB CalcBC]

The Magic of Magenta (Royal Institution)

Octopus Camouflage (SciFri)

PhETLab+: Pixel Peeping

Q&P < \_\_\_\_\_ >

### 2. F 5/6 – Hewitt, In Living Color! [AP USH]

Light and Color (Conceptual Physics Alive)

Q&P < \_\_\_\_\_ >

### 3. M 5/9 – Luna’s Dark Side [AP: Gov French]

Lab Springboard: Diversion Into Dispersion

Guide: Dispersion

Q&P < \_\_\_\_\_ >

### 4. B1 5/10 – Polarization 1

Activity: Pole-Arizer

Activity: Blackout

Guide: Polarization

Q&P < \_\_\_\_\_ >

### 5. B2 5/11 – Polarization + Rainbows 1

Applications: Glare-block, 3D Movies

Springboard: Rainbows pp. 1–2

Q&P < \_\_\_\_\_ >

### 6. r 5/12 – Rainbows 2 [AP EngLang Macro]

Springboard: Rainbows pp. 3–4

Double Rainbow All the Way Across the Sky

Q&P < \_\_\_\_\_ >

### 7. F 5/13 – Why the Sky is Blue

Activity: Why the Sky is Blue

Guide: Scattering

Q&P < \_\_\_\_\_ >

### 8. M 5/16 – Interference Math

Springboard: Interference Math

Guide: Diffraction

Q&P < \_\_\_\_\_ >

### 9-10. B 5/17-18 – Groovy CD Lab

Lab: How Groovy is Your CD?

Q&P < \_\_\_\_\_ >

### 11. r 5/19 – Iridescence

Springboard: Iridescence

Q&P < \_\_\_\_\_ >

### 12. F 5/20 - Diffraction in Action

Lab Springboard: Diffraction in Action

Guide: Diffraction

Free pair of rainbow glasses today only!

Q&P < \_\_\_\_\_ >

### 13. M 5/23 – Unit Test AP1.11: Light Desserts

P1. T 5/24 – Final Exam Periods 1 3 5

P1. W 5/25 – Final Exam Periods 2 4 6

P2-4. TBA

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*Essentials of College Physics* Textbook: Chapters 22 and 24

Hewitt Drew It! Screencasts: LIGHT > Properties of Light, Light Waves

**All Physics, AP Physics 1, and AP Physics 2 students take their final at the time scheduled for “senior finals.” This applies to Seniors, Juniors, Sophomores, and Freshmen. If you are neither an upperclassman nor an underclassman, you are also not a physics student. If this is the case, you are not enrolled in this class and will not be taking a final exam.**