**APES Calendar Unit 9**

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| **Monday, March 4****Tuesday, March 5** | **Wednesday, March 6****Thursday, March 7** | **Friday, March 8****Monday, March 11** |
| Bellringer: * The Real Cost of Gold

In Class:* Powerpoint: Mineral Resources – Environmental Effects, Supplies & Sustainability
* LAB: Cookie Mining

HW: * Read Chapter 14 (pgs 355-367)
* SGQ/C14 (1-14)
 | Bellringer: * All Energy Use Has Consequences

In Class:* Powerpoint: Oil & Natural Gas
* VIDEO: The Fracking Song
* MATH Practice: Energy Use Inventory
* Handout: Non-Renewable Resources

HW:* Read Chapter 15 (pgs 370-380)
* SGQ/C15 (1-16)
 | Bellringer: * Using Energy Transformations

In Class:* Powerpoint: Nonrenewable Energy – Coal & Nuclear Energy
* Article: Health Impacts of Chernobyl
* LAB: Radioactive Decay (Half-Life)
* HANDOUT: Coal & Nuclear Power

HW: * Read Chapter 15 (pgs 381-394)
* SGQ/C15 (17-27)
 |
| **Tuesday, March 12****Wednesday, March 13** | **Thursday, March 14****Friday, March 15** | **Monday, March 18****Tuesday, March 19** |
| Bellringer: * Oil or Wilderness on Alaska’s North Slope

In Class:* QUIZ: Nonrenewable Energy
* MATH Practice: BTU Problem Set

HW: * Read Chapter 16 (pgs 397-409)
* SGQ/C15 (27-37)
 | Bellringer: * Energy from the Moon

In Class:* Powerpoint: Energy Efficiency & Cutting Energy Waste
* Handout: Energy Conservation

HW: * Read Chapter 16 (pgs 397-409)
* SGQ/C16 (1-22)
 | Bellringer: * Sweden’s Search for Alternative Energy

In Class:* Powerpoint: Alternative Energy Sources – Solar Energy, Hydropower, Wind Power, Biomass, Geothermal, Hydrogen Fuel
* Handouts: Alternative Energy

HW: * Read Chapter 16 (pgs 409-432)
* SGQ/C16 (23-40)
 |
| **Wednesday, March 20****Thursday, March 21** | **Monday, April 1****Tuesday, April 2** |  |
| Bellringer: * Assessing Emissions from Power Sources

In Class:* FILM: Renewable Energy
* QUIZ: Renewable Energy

HW: * Read Chapter 16 (pgs 409-432)
* SGQ/C16 (23-40)

***FINISH STUDY GUIDE AND*** ***STUDY FOR UNIT TEST*** ***DURING SPRING BREAK*** | Bellringer: * Study for Test

In Class:* TEST: Chapters 14, 15, and 16
* Powerpoint: Outdoor Air Pollutants
* Handout: Atmospheric Pollution

HW: * Read Chapter 20 (pgs 548-554)
* SGQ/C20 (16-23)
* Pre-Lab (see class website)
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