**APES Calendar Unit 8**

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| **Tuesday, January 29****Wednesday, January 30** | **Thursday, January 31****Monday, February 4****Friday, 2/1 NO SCHOOL** | **Tuesday, February 5****Friday, February 8****Wednesday, 2/6 FIELD TRIP** |
| Bellringer: * Dams and Salmon on the Klamath River

In Class:* DEMO: Where on Earth is the Water?
* Powerpoint: Freshwater Availability & Extracting Groundwater
* ACTIVITY: Water Resources Worksheet

HW: * Read Chapter 13 (pgs 317-327)
* SGQ/C13 (1-11)
 | Bellringer: * Plumbing the Colorado River

In Class:* Powerpoint: Dams, Water Transfers, and Desalination
* PROJECT: Water Diversion (Comp Lab)

HW:* Read Chapter 13 (pgs 328-333)
* SGQ/C13 (12-16)
 | Bellringer: * Water Loss Drop By Drop

In Class:* QUIZ: Chapter 13
* Powerpoint: Sustainable Water Use

HW: * Read Chapter 13 (pgs 334-339)
* SGQ/C13 (17-20)
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| **Thursday, February 7****Tuesday, February 12****Monday, 2/11 PRESENTATION (AUD.)** | **Wednesday, February 13****Thursday, February 14** | **Friday, February 15****Tuesday, February 19** |
| Bellringer: * Arsenic in the Waters of Bangladesh

In Class:* Powerpoint: Flooding
* ACTIVITY: Water – People & Industry Worksheet

HW: * Read Chapter 13 (pgs 340-343)
* SGQ/C13 (21-24)
 | Bellringer: * Using Nature to Treat Wastewater

In Class:* Powerpoint: Causes & Effects of Water Pollution
* ACTIVITY: Water Pollution Worksheet

HW: * Read Chapter 20 (pgs 528-532)
* SGQ/C20 (1)
* Pre-Lab (see class website)
 | Bellringer: * Set-Up Lab

In Class:* LAB: Investigating Water Pollutants & Water Analysis
* Powerpoint: Water Pollution – Streams & Lakes

HW: * Read Chapter 20 (pgs 533-538)
* SGQ/C20 (2-5)
* Finish lab analysis
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| **Wednesday, February 20****Thursday, February 21** | **Friday, February 22****Monday, February 25** | **Tuesday, February 26****Wednesday, February 27****Tuesday, 2/26 SR BREAKFAST** |
| Bellringer: * Testing Water for Pollutants

In Class:* Powerpoint: Water Pollution – Groundwater & Oceans
* QUIZ: Chapter 20

HW: * Read Chapter 20 (pgs 539-548)
* SGQ/C20 (6-15)
* Pre-Lab (see class website)
 | Bellringer: * Sewage Treatment

In Class:* Powerpoint: Dealing with Water Pollution
* LAB: Wastewater Treatment (Comp)

HW: * Read Chapter 20 (pgs 548-554)
* SGQ/C20 (16-23)
* Pre-Lab (see class website)
 | Bellringer: * John Beal Planted Trees to Restore a Stream

In Class:* FILM: Flow – For The Love of Water

HW: * Review for Unit Test
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| **Thursday, February 28****Tuesday, February 29** |  |
| Bellringer: * Study for Test

In Class:* TEST: Chapters 13 & 20 LAB: Biodegradable Materials & Dissolved Oxygen

HW: * Finish lab analysis
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