**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) |
| **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 |
| **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 |
| **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 |