**APES Calendar Unit 2**

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| **Wednesday, September 10**  **Thursday, September 11** | **Friday, September 12**  **Monday, September 15** | **Tuesday, September 16**  **Wednesday, September 17** |
| Bellringer:   * Cats in Borneo   In Class:   * Powerpoint: Ecology Basics & Major Components of an Ecosystem * Lab: Food Webs & Biomagnification   Handout:   * Lab: Food Webs & Biomagnification   HW:   * Complete lab due 9/12 or 9/15 * Read Chapter 3 (pgs 63-74) | Bellringer:   * Components of an Ecosystem   In Class:   * Powerpoint: Energy & Matter in an Ecosystem * Project: Biogeochemical Cycles   Handout:   * Project : Biogeochemical Cycles   HW:   * Read Chapter 3 (pgs 75-77) | Bellringer:   * Data Analysis: Hubbard Brook Experiment   In Class:   * APES Review: Biogeochemical Cycles – Carbon Cycle, Nitrogen Cycle, Hydrological Cycle, Phosphorus Cyle and Sulfur Cycle * QUIZ: Chapter 3   Handout:   * Biogeochemical Cycles Diagrams   HW:   * Read Chapter 3 (pgs 75-77) |
| **Thursday, September 18**  **Friday, September 19**   * **Early Release 9/18** | **Monday, September 22**  **Tuesday, September 23** | **Wednesday, September 24**  **Friday. September 26**   * **9/25 No School** |
| Bellringer:   * Variation & Oscillation   In Class:   * Powerpoint: El Nino y La Nina * Discovery Ed Video: El Nino   Handout:   * ENSO Diagram   HW:   * Read Chapter 7 (pgs 147-151) | Bellringer:   * Flood, Droughts, and Famines   In Class:   * Powerpoint: Factors Influencing Climate * Film: Earth’s Biomes * Earth’s Biomes Chart   Handout:   * Earth Biomes Chart   HW: Read Chapter 7 (pgs 152-164) | Bellringer:   * Data Analysis: Climatographs /The Effects of Temperature of Biomes   In Class:   * QUIZ: Chapter 7 – El Nino * Activity: Temperature, Rainfall, and Biome Distribution Activity   Handout:   * Activity: Temperature, Rainfall, and Biome Distribution Activity   HW:   * Review for Unit 2 Test * Finish activity (due 9/24 or 9/26) |
| **Wednesday, September 24**  **Friday. September 26**   * **9/25 No School** |  |  |
| Bellringer:   * Do The Math: Raising Mangoes   In Class:   * TEST: Unit 2 – Chapters 3 & 7 * Film: Origin of Life   HW:   * Pre-Lab Natural Selection * Read Chapter 4 (pgs 80-88) |  |  |