**2020-2021 School Year Weekly Calendar**

***Short Weeks Are In Red***

**First Six Weeks**

**Week 1, August 12th-14th**

* The Scientific Process
  + Scientific Inquiry

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**Week 2, August 17th-21st**

* The Scientific Process
  + Hypotheses, Theories and Laws
  + Laboratory Safety

**Week 3, August 24th -28th**

* The Scientific Process
  + Collecting and Organizing Data
  + Analyzing Data and Drawing Conclusions

**Week 4, August 31st –September 4th**

* The Scientific Process
  + Science-Based Communication
  + Assessing Claims and Evidence

**Week 5, September 8th- 11th**

* The Scientific Process
  + Unit Test

**Week 6, September 14th- 18th**

* Introduction to Environmental Systems
  + Ecology 101
  + Ecology 102

**Second Six Weeks**

**Week 1, September 21st -25th**

* Introduction to Environmental Systems
  + Careers in Environmental Science
  + Science and Society

**Week 2, September 28th –October 2nd**

* Introduction to Environmental Systems
  + Unit Test

**Week 3, October 5th -9th**

* Earth’s Biomes
  + Desert and Desert-Scrub Biomes
  + The Chaparral
  + Alpine and Taiga Biomes

**Week 4, October 13th -16th**

* Earth’s Biomes
  + The Tundra
  + Savanna and Grassland Biomes
  + Deciduous Forests

**Week 5, October 19th – 23rd**

* Earth’s Biomes
  + The Rainforest
  + Freshwater and Marine Biomes
  + Unit Test

**Week 6, October 26th – 30th**

* Organisms in Ecosystems
  + Biodiversity
  + Identifying Unknown Organisms
  + Adaptation

**Third Six Weeks**

**Week 1, November 2nd -6th**

* Organisms in Ecosystems
  + Energy Transformation
  + Trophic Levels and Food Webs
  + Unit Test

**Week 2, November 9th – 13th**

* Populations in Ecosystems
  + Population Size
  + Determining Population Size

**Week 3, November 16th – 20th**

* Populations in Ecosystems
  + Succession
  + Nonnative Species in Aquatic Ecosystems
  + Unit Test

**Week 4, November 30th – December 4th**

* Matter and Energy in Earth’s Systems
  + Systems of the Biosphere
  + The Cycles of Matter

**Week 5, December 7th – 11th**

* Matter and Energy in Earth’s Systems
  + Rocks and the Rock Cycle
  + Effects of Cycles on Ecosystems
  + Unit Test

**Week 6, December 14th – 18th**

* Cumulative Exam/ (Semester I Exam)

**Fourth Six Weeks**

**Week 1, January 5th – 8th**

* The Hydrosphere
  + The Water We Use

**Week 2, January 11th – 14th**

* The Hydrosphere
  + Groundwater

**Week 3, January 19th -22nd**

* The Hydrosphere
  + Water Pollution

**Week 4, January 25th -29th**

* The Hydrosphere
  + Water Policy
  + Unit Test

**Week 5, February 1st -5th**

* The Atmosphere
  + Atmospheric Pollution
  + Energy in the Atmosphere
  + Air Quality

**Week 6, February 8th -12th**

* The Atmosphere
  + Climate and Change in Ecosystems
  + Ocean Circulation
  + Factors that Affect Climate

**Week 7, February 16th – 19th**

* The Atmosphere
  + Global Change

**Fifth Six Weeks**

**Week 1, February 22nd – 26th**

* The Atmosphere
  + A History of Global Climate Change
  + Unit Test

**Week 2, March 1st – 5th**

* The Geosphere
  + Human Use of Land
  + Minerals and Mining
  + Modern Forestry

**Week 3, March 8th -11th**

* The Geosphere
  + Soil and Agriculture

**Week 4, March 22nd – 26th**

* The Geosphere
  + Urban Growth
  + Land Management and Planning
  + Unit Test

**Week 5, March 29th – April 1st**

* Natural Resources
  + What are Natural Resources?

**Week 6, April 5th – 9th**

* Natural Resources
  + Nuclear Power
  + The Social Costs of Resource Use
  + Resource Conservation

**Week 7, April 13th – 16th**

* Natural Resources
  + Unit Test

**Sixth Six Weeks**

**Week 1, April 19th -23rd**

* Environmental Policy
  + Governments and Business
  + Informed Policy
  + Impact of Policy

**Week 2, April 26th -30th**

* Environmental Policy
  + Milestones and Turning Points
  + Unit Test

**Week 3, May 3rd -7th**

* Humans and the Environment
  + Natural Events and the Environment
  + Human Events and the Environment

**Week 4, May 10th – 14th**

* Humans and the Environment
  + Human Impact on the Environment
  + Sustainability

**Week 5, May 17th -21st**

* Humans and the Environment
  + Success Stories
  + Unit Test

**Week 6, May 24th -26th**

* + Cumulative Exam/(Semester II Exam)