**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)