

**PHASE 2 INSTRUCTIONAL CONTINUITY PLAN**

**Beginning April 16, 2020**



**Environmental Science  
Regular and Honors  
High School**

**TEXTBOOK CHECKOUT: *Environmental Science***

**Publisher: Houghton Mifflin Harcourt**

**SCHOOL NAME: \_\_\_\_\_**

**STUDENT NAME: \_\_\_\_\_**

**TEACHER NAME: \_\_\_\_\_**

**Environmental Science Honors  
Student Assignment Log**

Starting Week 32 in Curriculum Map Nonrenewable and Renewable Energy

<b>Lesson</b>	<b>Assignment</b>	<b>Date Completed</b>
<b>Nonrenewable Energy</b>	1. Read about nonrenewable energy and the different types of nonrenewable energies on pages 129-133	
	2. Describe the different types of fossil fuels. What makes them nonrenewable?	
	3. Look at figure 1.4 on page 437. Why do you suppose Canada uses the most about of energy per person and Indonesia uses the least?	
	4. Complete the Formative Assessment for Section 1 #1-6.	
	5. Read CASESTUDY on page 440-441. Answer the Critical Thinking on page 441.	
<b>Nuclear</b>	1. Read Nuclear Energy pages 444-447.	
	2. Describe Nuclear Fission. What are the advantages and disadvantages of FISSION.	
	3. Describe Nuclear FISSION. Discuss the advantages and disadvantages of Nuclear FISSION.	
	4. Complete the Chapter 17 Review on Page 451-453 #1-33.	
<b>Renewable Energy</b>	1. Read Pages 456-465.	
	2. Create a chart describing all the different renewable energies from the section. Include passive and active, biomass, hydroelectric, geothermal, photovoltaic, wind,	
	3. Complete the Formative Assessment on page 465 #2-7.	
<b>Developing Energy Technologies.</b>	1. Read Developing Energy Technologies pg. 466-471	
	2. Discuss which technology you feel has the best chance to lead our country into the future. Give 3 reasons why you feel this way.	
	3. Complete Map Skills on page 472 #1-6.	
	Complete the Chapter 18 Review on pages 475-477 #1-32	
<b>Honors only Assignment</b>	4. Discuss a minimum of 3 technologies or process that has been modified to advance society and explain why they have been modified. You can use information from anywhere in the course or stay specific to energy.	
	5. Discuss the ethics of doing scientific research to advance society. (Cite a minimum of 2 examples of an ethical concern.) Examples: Global climate change, historical development of medicine and medical practices.	
<b>Biomes</b>	Look over Biomes on pages 142-155 Decide which is your favorite biome. Describe the biome and why it is your favorite.	

**Environmental Science Honors  
Student Assignment Log**

<b>Estuaries</b>	Look over Estuaries on pages 179-181. Discuss why Estuaries are so important and cite a minimum of 2 reasons.	
<b>Eutrophication</b>	Read page 175, and page 288 about Eutrophication and Artificial Eutrophication	
	Compare Eutrophication and Artificial Eutrophication. What steps can humans do to help both?	
<b>Biodiversity</b>	Read over 240-251	
	What is biodiversity and why is it important?	
<b><u>Honors only Assignment</u></b>	Read Case Study of Ogallala Aquifer pages # 272-273	
	Answer the Critical Thinking questions on #273	
<b>Greenhouse Effect and Global Climate Change</b>	Read about greenhouse effect on page 72 and then Read page 341-343 about Global Climate Change	
	Discuss what the difference of these when talking about the greenhouse effect vs global climate change	
<b><u>Honors only Assignment</u></b>	Read making a Difference Climate Scientist page 346-347 and complete the What do you think, on bottom of page 347.	
<b>Renewable Energy vs Nonrenewable</b>	Look over Chapter 17 Nonrenewable energy pages 435-443 and Renewable energy pages 456-465.	
	Decide what types of energy we should be using and why. Can we survive with only one?	
<b><u>Honors only Assignment</u></b>	Create a city (on paper not a physical model) that is dependent on renewable energy only. Describe what that city will look like and how it will get its energy use.	
<b>Environmental Careers</b>	Read over different Environmental Careers in Appendix I in the back of the book in blue from pages R33-R44	
	Describe 3 different environmental Careers and talk about your favorite and why you choose that one.	
<b>ECOSKILLS</b>	Read the different Ecoskills in the Appendix J of the blue section on pages R45-R54.	
	Come up with 3 Ecoskills you could adopt and discuss how you would make the changes in your home.	
<b><u>Honors only Assignment</u></b>	Using page R68 in Appendi K, discuss why with changes in Global Climate, Florida's climate may not change too much.	