

**Unit 9: Greenhouse Gases**

By the end of this unit you should be able to ....

- Explain the properties of electromagnetic waves and know that visible light is just one small part of this spectrum
- Describe the behavior of light waves and know that all waves exhibit the same behaviors
- Identify the major gas components of the Earth's atmosphere
- Describe the role of the Earth's atmosphere
- Identify greenhouse gases and their relationship with electromagnetic waves (Greenhouse Effect)
- Understand how human activity affects the Nitrogen Cycle and the Global Carbon Cycle
- Describe the current trends in atmospheric carbon dioxide levels
- Identify the causes of acid rain and its effect on the environment
- Describe alternative forms of energy

<i>Day</i>	<i>Activities</i>	<i>Reading</i>	<i>Homework</i>
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