

3.1.4.b Student Notes Handout

Name _____ Period _____ Date _____

What are the percentages of different components of the atmosphere?

Nitrogen	
Oxygen	
Argon	
Greenhouse Gases	

What are some greenhouse gases?

What would happen to the Earth if we were not experiencing the Greenhouse Effect?

Why is the small (less than 1%) amount of greenhouse gases so important to the average temperature of the Earth?

Where is one place greenhouse gases are produced?

AFTER RESONANCE MODEL ACTIVITY: Record either your group or class data.

DATA

Greenhouse Gas	Frequency at which resonance is greatest (record # of vibrations in 5 seconds divided by 5 seconds)
Carbon Dioxide	
Methane	
Nitrogen	

Why does the greenhouse effect happen? Think about the resonant models of the gases?