me					Date	
			rom Air	•		
ble 1: About 80-120 km above the earth is known as the						
	Nitrogen gas (%)	Oxygen gas (%)	Argon gas (%)	Water vapor (%)	Temperature (°C)	Pressure (hPa)
Upper						
Middle						
Lower						
Mean						
	Nitrogen gas	Oxygen	Argon	Water vapor	Temperature	Pressure
Die 2: AD	out 50-80 km	above the ea	arth is know	n as the		
	Nitrogen gas	Oxygen	Argon	Water vapor	1.5	Pressure
	Nitrogen gas (%)	Oxygen gas (%)	Argon gas (%)	Water vapor (%)	Temperature (°C)	Pressure (hPa)
Upper		N7/N-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	_	A 100 may 1883	1.5	
Upper Middle		N7/N-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	_	A 100 may 1883	1.5	
5 5		N7/N-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	_	A	1.5	
Middle		N7/N-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	_	A	1.5	
Middle Lower Mean		gas (%)	gas (%)	(%)	1.5	
Middle Lower Mean	(%)	gas (%)	gas (%)	n as the	1.5	(hPa)
Middle Lower Mean	out 12-50 km	gas (%) above the ea	gas (%) arth is know Argon	n as the	(°C)	(hPa)
Middle Lower Mean ble 3: Ab	out 12-50 km	gas (%) above the ea	gas (%) arth is know Argon	n as the	(°C)	(hPa)
Middle Lower Mean ble 3: Ab	out 12-50 km	gas (%) above the ea	gas (%) arth is know Argon	n as the	(°C)	(hPa)

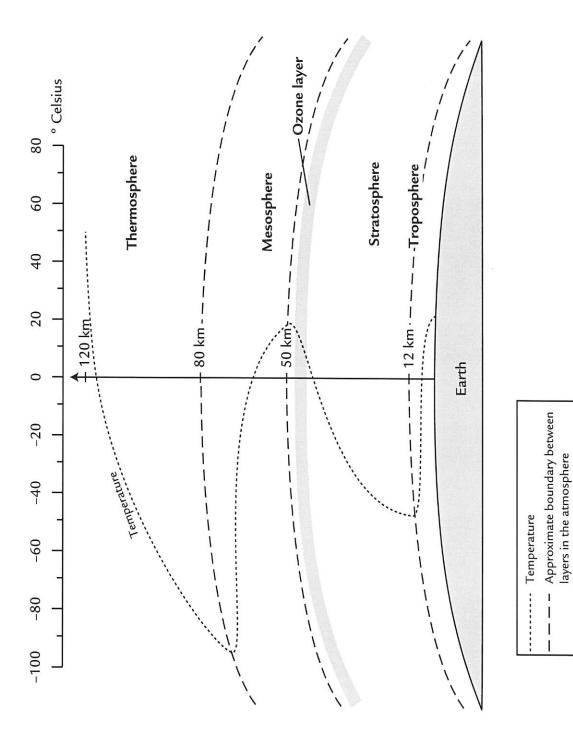
	Nitrogen gas (%)	Oxygen gas (%)	Argon gas (%)	Water vapor (%)	Temperature (°C)	Pressure (hPa)
Upper						
Middle						
Lower						
Mean						

Activity 64: Analysis Questions

*Answer #2, 3 and 4 in complete sentences.

1.	Which layer of the atmosphere has:
	a. the most water vapor?
	b. the lowest pressure?
2.	What remains the same in different layers of the atmosphere?
3.	Scientists have divided the earth's atmosphere into different layers. What
	property of the atmosphere do you think these divisions are based on?
4.	You collected data on four layers of the atmosphere. The atmosphere merges
	into outer space in an extremely thin upper layer known as the exosphere.
	Which of the five layers of the atmosphere do people live in?

Graph of Atmospheric Layers and Temperature



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Composition of the Earth's Atmosphere

Gases in the Earth's Atmosphere	Percent (by volume)
nitrogen	78.1
oxygen	20.9
water vapor*	0-4.0
argon	0.9
carbon dioxide	0.03
neon	0.002
helium	0.0005
methane*	0.0002
krypton	0.0001
hydrogen	0.00005
nitrous oxide*	0.00003
xenon	0.000009
ozone*	0.000004

^{*}percentage varies with location and time