



Name: _____ Date: _____

Understanding Indoor Environments Assignment

Use information from the web links below and others of your own choice to answer the questions about each of these indoor environmental conditions (**variables**).

- Temperature
 - Relative humidity (ratio of water in the air)
 - Carbon dioxide (CO₂)
 - Light
 - Background noise
1. What is the unit of measurement for the variable?
 2. What tools can be used to measure the variable?
 3. How do people feel (mental and physical) if the variable is too high?
 4. How do people feel (mental and physical) if the variable is too low?
 5. What is the optimum range for the variable in a classroom?
 6. At what levels does the variable become dangerous to people? (i.e., too high or too low.)

Organize your answers in a logical way (for example: use a chart).

Web Links to get you started:

- [Temperature on Earth and on the ISS](#) (CurioCity Backgrounder)
- [Humidity on Earth and on the ISS](#) (CurioCity Backgrounder)
- [Carbon Dioxide on Earth and on the ISS](#) (CurioCity Backgrounder)
- [Light on Earth and on the ISS](#) (CurioCity Backgrounder)
- [Noise on Earth and on the ISS](#) (CurioCity Backgrounder)



Living Space

Understanding Indoor Environments



Understanding Indoor Environments Graphic Organizer

Name: _____

	Temperature	Relative Humidity	Carbon Dioxide	Light	Background Noise
Metric Unit of Measurement					
Measuring tools					
Physical and mental health impacts if high					
Physical and mental health impacts if low					



Living Space

Understanding Indoor Environments



	Temperature	Relative Humidity	Carbon Dioxide	Light	Background Noise
Optimal range for a classroom					
Danger levels					

Other web links used (add extra pages if necessary):

