Name _____ Date _____ Page _____

Notes – Earth's Atmosphere

Earth's atmosphere is mostly oxygen.	Agree/Disagree
Air is weightless.	Agree/Disagree
Without the atmosphere, we would burn up.	Agree/Disagree
We live in the warmest part of the atmosphere.	Agree/Disagree
Our atmosphere is over 100 miles thick.	Agree/Disagree

Atmosphere

Definition:

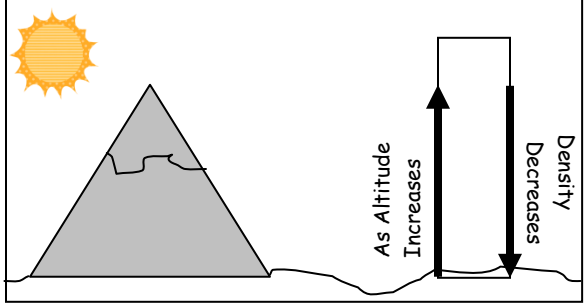
2 Ways it Makes Life Possible:

-
-

Characteristics (Define)

Altitude -

Density-

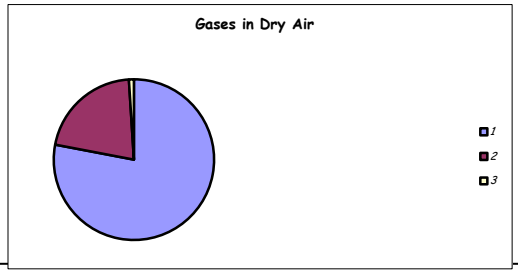


Materials (Give Examples)

Gases-

Particles-

Label the following graph:



Gases (Explain their Purpose)

- Nitrogen-
- Oxygen-
- Carbon Dioxide-
- Water Vapor-

Sudden Changes (List and Define)

-
-
-

Does air have mass?

Hypothesis _____
_____

Procedure

1. Weigh an empty balloon on the scale and record its mass below.
2. Blow up the balloon and tie a knot.
3. Weigh the filled balloon on the scale and record its mass below.

Data

Mass of Empty Balloon _____
Mass of Blown-Up Balloon _____

Analysis

1. Subtract the mass of the empty balloon from the filled balloon to find the mass of the air blown into the balloon.
   Mass of Air in Balloon _____

Conclusion

1. Write a two sentence summary about your results.
2. Was your hypothesis correct?
3. How do you think the air in the balloon differs from the air in our atmosphere?