

WEATHER UNIT FINAL STUDY GUIDE

Name: _____

Test Date(s) __ June 12 _____

Parent Signature: _____

- ◆ *Use your chapter 1 test or study guide*
- ◆ *Use your chapter 2 test or study guide*
- ◆ *Use your chapter 3 and 4 quiz*

- ◆ Altitude

- ◆ Air pressure ~ properties of air ~ understanding of the way things change as altitude increases/decreases...

- ◆ Barometers and all instruments

- ◆ Wind: causes, wind belts ~ local winds and global winds
 land breezes, sea breezes (why change directions), trade winds, etc.

- ◆ Why we have seasons and why we have day and night too- page 115

- ◆ Know where the sun's rays hit most directly and least directly

- ◆ Know what factors influence temperatures (large bodies of water, altitude, etc.), and why...

- ◆ Water cycle and how it works ~ where moisture goes, how it changes-causes of each part of the cycle

- ◆ Cloud types and weather those clouds bring

- ◆ How clouds are formed

- ◆ Fronts ~ also which rises/sinks and why ~ what are the molecules doing?

- ◆ Air Masses

- ◆ How the atmosphere protects our earth

- ◆ How heat is transferred ~ explain and understand it as it heats the earth too

- ◆ Be able to apply all of your knowledge about air pressure, clouds, temps, relative humidity to predict the weather... Know average air pressure/ high/low...explain how you used the info to predict...

- ◆ Weather on the east and west coast for winter and summer page 120-121 (Climate Regions)

- ◆ Greenhouse Effect and Ozone

- ◆ Lake Effect Snow – causes, etc.

Study your vocabulary for all of the chapters!

Suggested Study Timeline

- Tuesday May 29, 2012

Read through the sheet and see which answers you know ~ star answers you need to find, write out answers you *do* know on a separate sheet of paper

- Wednesday May 30, 2012

Review all tests and quizzes from chapters 1-4 (read through and correct mistakes) If time, create flashcards to study vocabulary

Return to the study guide and find the answers to the questions you *do not* know write out your answers on a separate sheet of paper

- Thursday May 31, 2012

Create flashcards for all vocabulary ~ spend time reviewing any cards you made

- Monday June 4, 2012

Review any handouts and notes from your notebook that may help you remember materials

- Tuesday June 5, 2012

Browse through your textbook to review pictures, figures, and reading that covers what you needed to know

- Wednesday June 6, 2012

Review all material that you didn't understand very well

- Thursday June 7- June 11, 2012: Choose 5 of the steps above. Repeat each different step for approximately fifteen minutes each step.

Take time for final review sessions! At this point you should know plenty, and only have to skim through/review any last minute "reminders." Good luck and rest up!