

Name: _____

Foundations

Date: _____ Period: _____

Earth Science

Packet: Intro to Earth Science

CLASS NOTES

- Earth Science - _____

 - Branches of Science Include: Astronomy, _____, Meteorology, Oceanography, _____ and Hydrology
- Astronomy - _____

 - Tools used by an Astronomer: radio telescopes, refractive telescopes and satellites
- Geology - _____

 - Tools used by a Geologist: drill trucks, rock hammers and a spectroscope
- Meteorology - _____

 - Tools used by a Meteorologist: weather station, anemometer, weather vane, barometer, thermometer, satellites and doppler radars
- Oceanography - _____

 - Tools used by an Oceanographer: SCUBA gear, buoys, research ships and submarines
- Climatology - _____

 - Tools used by an Climatologists: ice core samples
- Hydrology - _____

 - Tools used by an Climatologists: ice core samples

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- Earth is a dynamic self-contained planet where the different _____ and _____ interact with one another
- Goals to Accomplish by June:
 - Study the _____ relationships on Earth and recognize patterns to help _____ an outcome
 - Learn about emergency preparedness
 - Become problem solvers with everyday issues
 - _____
- How to do well:
 - Attend _____ class
 - Complete your notes and laboratory activities
 - Ask questions — even if you think they are stupid
 - Study your material before quizzes and tests

PART I QUESTIONS: MULTIPLE CHOICE

1. What tools are used by Earth Scientists to help study the planet?
 - a. Doppler Radars
 - b. Submarines
 - c. Refractive Telescopes
 - d. All of the Above
2. According to Neil deGrasse Tyson, what is science?
 - a. Science is the act of changing data to benefit mankind.
 - b. Science is an experiment that is up for interpretation.
 - c. Science is an entire exercise in finding out what is true.
 - d. None of the Above
3. Why do we study Earth Science?
 - a. To learn about emergency situations and how to prepare for them.
 - b. To become problem solvers.
 - c. To learn how to interpret data, recognize trends, and predicts outcomes.
 - d. All of the above