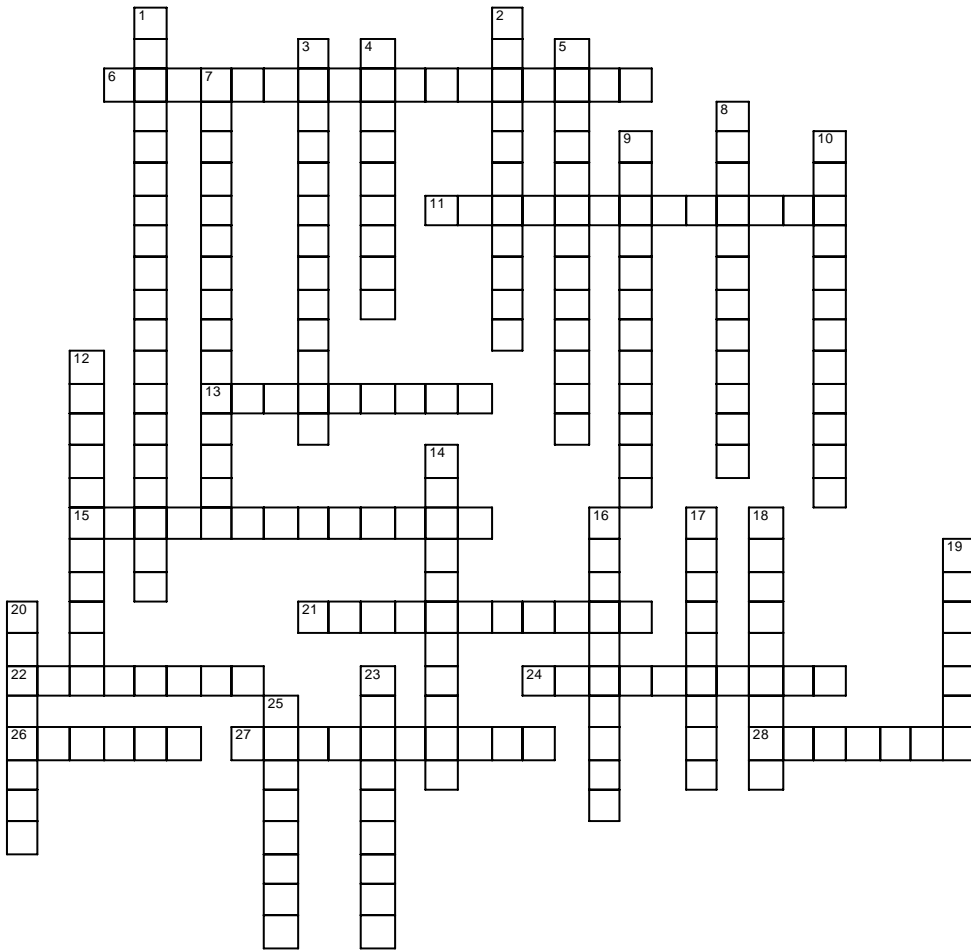


Ch 1 Intro to Earth Science



Down

1. Low levels of energy evenly distributed throughout the universe
2. Study of the earth's atmosphere
3. Theory that all matter & energy in universe was compressed into extremely small volume that suddenly, BYA, began expanding in all directions
4. Ecosystem encompassing all the life on earth and the physical environment that supports it
5. Apparent shift in the wavelength of energy, such as a sound wave or a light wave, emitted by a source moving away from or toward an observer
7. Process by which a scientific procedure is carried out according to certain guidelines
8. Study of the earth's oceans
9. Study of the earth and the universe around it
10. Instrument that splits white light into a band of colors
12. All the earth's water
14. Comparison of a property of an object or phenomenon with a standard unit
16. Thick blanket of gases surrounding the earth
17. The solid earth
18. Community of organisms and the environment they inhabit
19. Study of the origin, history, and structure of the solid earth and the processes that shape it
20. Band of the various colors of light
23. Contamination of the environment with waste products or impurities
25. Factor in an experiment that can be changed

Across

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| <ol style="list-style-type: none"> 6. Organized, logical approaches to scientific research 11. Able to be broken down into component parts by microorganisms 13. Study of the universe beyond the earth 15. Rule that correctly describes a natural phenomenon 21. Act of using the senses to gather information 22. Substance that has a characteristic set of physical and chemical properties | <ol style="list-style-type: none"> 24. Possible explanation of a problem that is based on facts 26. Hypothesis or set of hypotheses supported by the results of experimentation and observation 27. Distance between wave crests 28. Study of the complex relationships between living things and their environment |
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