

### What are the branches of Earth/Space Science?

*Earth science can be divided into five general areas of study—geology, meteorology, astronomy, oceanography, and environmental science. Read each description given and identify the area of science that would be primarily involved. Circle the letter of the correct area of science next to each question.*

**G—geology      M—meteorology      O—oceanography      A – astronomy      E –environmental science**

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| G E M O A | 1. The study of volcanoes & earthquakes.   |
| G E M O A | 2. The area of earth science that uses telescopes.   |
| G E M O A | 3. The study of storm patterns.  |
| G E M O A | 4. The study of the movement of the sun and stars.   |
| G E M O A | 5. Research on the physical & chemical properties of the oceans                                  |
| G E M O A | 6. The identification of rocks and minerals.   |
| G E M O A | 7. The investigation of human impact on the oceans.  |
| G E M O A | 8. The search for evidence of the beginning of the universe based on the study of space objects. |
| G E M O A | 9. The predication of daily weather.   |
| G E M O A | 10. Interaction with construction a new building in a forest area                                |
| G E M O A | 11. The search for oil.  |
| G E M O A | 12. The study of forces & processes that produce weather that causes weather.                    |
| G E M O A | 13. The study of stars, planets, and comets.   |
| G E M O A | 14. Formerly just the study of the positions of the stars and planets.                           |
| G E M O A | 15. The investigation of the processes that occur in the seas.                                   |
| G E M O A | 16. The study of how mountains were formed.  |
| G E M O A | 17. The examination of fossils.  |
| G E M O A | 18. The study of glaciers.   |
| G E M O A | 19. The study of climates.   |
| G E M O A | 20. Interactions of organisms and their surroundings   |
| G E M O A | 21. The earth science that studies the composition of seawater.                                  |
| G E M O A | 22. Objects beyond Earth's atmosphere  |
| G E M O A | 23. Materials that make up Earth science   |
| G E M O A | 24. The investigation of features of the moon.   |