

Name \_\_\_\_\_

Date \_\_\_\_\_

Block # \_\_\_\_\_

### What is Earth Science?

*Earth science can be divided into four general areas of study-geology, meteorology, astronomy, and oceanography. Read each description and identify the area of science that would be primarily involved. Write the letter of the correct earth science on the blank provided.*

**G-geology**

**M-meteorology**

**A-astronomy**

**O-oceanography**

- \_\_\_\_\_ 1. The study of volcanoes and earthquakes.
- \_\_\_\_\_ 2. The area of earth science that uses telescopes.
- \_\_\_\_\_ 3. The study of storm patterns.
- \_\_\_\_\_ 4. The study of the movement of the sun and stars.
- \_\_\_\_\_ 5. Research on the physical and chemical properties of seawater.
- \_\_\_\_\_ 6. The identification of the beginning of the universe based on the study of space.
- \_\_\_\_\_ 7. The identification of human impact on the oceans.
- \_\_\_\_\_ 8. The identification of rocks and minerals.
- \_\_\_\_\_ 9. The prediction of daily weather.
- \_\_\_\_\_ 10. The search for oil.
- \_\_\_\_\_ 11. The study of forces that cause weather.
- \_\_\_\_\_ 12. The study of stars, planets, and comets.
- \_\_\_\_\_ 13. Formerly just the study of the positions of the stars and planets.
- \_\_\_\_\_ 14. The investigation of the processes that occur in space.
- \_\_\_\_\_ 15. The study of how mountains were formed.
- \_\_\_\_\_ 16. The examination of fossils.
- \_\_\_\_\_ 17. The study of glaciers.
- \_\_\_\_\_ 18. The study of climates.
- \_\_\_\_\_ 19. The earth science that studies the composition of seawater.
- \_\_\_\_\_ 20. The investigation of features of the moon.
- \_\_\_\_\_ 21. The examination of the amount of erosion occurring in an area.
- \_\_\_\_\_ 22. The investigation of the volume of water a river carries.
- \_\_\_\_\_ 23. The study of the ocean's impact on the weather.