Name: \_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_Chapter 2 Test Study Guide **Chapter 2 Test is scheduled for: Wednesday, 11/4/15**

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| **Lesson 1** |
| 1. What is mechanical weathering?
2. Give an example.
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| 1. What is chemical weathering?
2. Give an example.
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| 1. Chemical weathering is more rapid in what type of climate?
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| 1. What causes abrasion?
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| 7. Why does weathering have a greater effect on soil with clay particles vs. soil with sand particles? |  |
| 8. What is oxidation?9. What is a positive result of oxidation? |  |
| 10. What type of weathering occurs more rapidly in warm, moist climates? |  |
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| 11. Define decomposition |  |
| 12. Explain what parent material is. |  |
| 13. As rain fills the cracks and pores of the parent material, what will be the outcome? |  |
| 14. Give two examples of biota.15. How does biota effect soil formation? |  |
| 16. What are the layers in soil referred to? |  |
| 17. What are the names of the soil horizons, and what are the characteristics of the horizons? |  |
| Write a description for each soil property:Texture- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Structure- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Consistency- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Infiltration- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Fertility- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Soil moisture- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_pH- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |