

Name: \_\_\_\_\_

Period: \_\_\_\_\_ Date: \_\_\_\_\_

### Weathering, Erosion, and Deposition Notes

Answer the questions as you go through the Power Point

1. What does weathering do? \_\_\_\_\_
2. When does weathering happen? \_\_\_\_\_
3. Name two types of weathering. \_\_\_\_\_ and \_\_\_\_\_
4. What does chemical weathering cause? \_\_\_\_\_
5. What is the effect of chemical weathering? \_\_\_\_\_
6. What are the types of chemical weathering? \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_
7. Match the type of chemical weathering with the explanation. Match the letter and number
 

A Oxidation	1. Lichens produce a weak acid	_____
B Carbon Dioxide	2. Coal, oil and gas pollute the air	_____
C Living Organisms	3. Oxygen and water cause iron to rust	_____
D Acid Rain	4. Plant roots produce weak acids	_____
8. How is mechanical weathering different than chemical weathering? \_\_\_\_\_
9. List the 6 types of mechanical weathering
 

A _____
B _____
C _____
D _____
E _____
F _____
10. Match the type of mechanical weathering with the explanation in the blank put the letter and number that match
 

A. Abrasion	1. Animals scrape and dig	_____
B. Ice Wedging	2. Falling rocks or debris	_____
C. Plant roots	3. Rapidly moving water, glaciers or wind	_____
D. Burrowing	4. Expanding and contracting	_____
E. Temperature Change	5. Grow into cracks and break apart rocks	_____
F. Gravity	6. Cold to hot.	_____
11. What does erosion do? \_\_\_\_\_
12. What are the agents of erosion? \_\_\_\_\_
13. How is deposition a constructive force? \_\_\_\_\_
14. What are the two factors sediments have to overcome to be deposited? \_\_\_\_\_, and \_\_\_\_\_
15. For the following events, put a C if the event is constructive and a D if the event is destructive.
 

• landslides	_____
• buildings, statues, and roads wearing away	_____
• soil formation	_____
• washes soil, pollutants, harmful sediments into waterways	_____
• causes metals to rust	_____
• reduces beaches, shorelines	_____
• creates new landforms	_____
16. Which coast has constructive forces, the western or eastern? \_\_\_\_\_