TIMEWORKSHEETS

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 producer 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 _____
- reducers beaches, shorelines _____
- creates new landforms _____

16. Which coast has constructive forces, the western or eastern? _____