GUIDED NOTES FOR SKYSCRAPER PRESENTATION

You will see 12 structures fill in the required information for each in order.

1. **Where?** ________________________
   
   **Purpose?** ________________________________________________________________

2. **Where?** ________________________
   
   **Purpose?** ________________________________________________________________

3. **Where?** ________________________
   
   **Purpose?** ________________________________________________________________

4. **Where?** ________________________
   
   **Purpose?** ________________________________________________________________

5. **Where?** ________________________
   
   **Purpose?** ________________________________________________________________

6. **Where?** ________________________
   
   **Purpose?** ________________________________________________________________

7. **Where?** ________________________
   
   **Purpose?** ________________________________________________________________

8. **Where?** ________________________
   
   **Purpose?** ________________________________________________________________

9. **Where?** ________________________
   
   **Purpose?** ________________________________________________________________

10. **Where?** ________________________
    
    **Purpose?** ________________________________________________________________
11. Where? ______________________________
   Purpose?_________________________________________________

12. Where? ______________________________
   Purpose?_________________________________________________

Fill in the blanks as you follow the presentation.

1. The Industrial Revolution: a long slow __________ during which __________ replaced hand
   __________ and new sources of power such as steam and __________ replaced human and animal
   power in the production of __________.

2. Why was it a revolution? Built on a lot of earlier developments, but moved __________ around the
   world.

3. The Progression: 1750-1850 Britain takes the lead in new methods of __________ and
   __________.

4. The Progression: 1850-1950 _________ Europe and North _________ follow with new forms of
   communication and __________.

5. The Progression: U. S. dominates during the years _____________________________.

6. The Progression: The rest of the world catches up during the years _________________________.

7. Back to the beginning of the Industrial Revolution: All of these increased _____________,
   _____________, _____________, _____________, and _____________________________.

8. Define infrastructure: ____________________________________________
9. Do you build up or out? ____________________________________________.

10. List two (2) characteristics of metals. ________________, ________________.

11. List four (4) things made of metal. ____________, ____________, ____________, and ____________.

12. This is the Periodic Chart

13. The earth’s crust is made up of mainly ____________, ____________, and ____________.

14. List two (2) characteristics of iron. ________________, ________________.

15. Before the Industrial Revolution there was widespread use of ____________ and ____________. The fuel of choice was ________________.

16. Iron was made by one of two processes. One was ____________________________________ and the other was ____________________________________.

17. How could iron keep up? Coal is a natural deposit of _________________. It can be treated to produce new _________________.

18. Henry Bessemer was a ________________ and an _________________. Now _______ was cheap.


20. The Result? 1889 building in Chicago rises to _______ stories.
21. Enabling technologies - __________________________________, ___________________________________,
____________________________________, and ____________________________________.

22. How tall are buildings today? __________________________________________________

23. Where are today's tallest buildings built? ____________________________________________.