



Name: _____
Date: _____
Grade: _____

Great Lakes Science Center Tour ~ November 19, 2011
This homework is due on December 17, 2011

1. What is the title of the Omnimax movie?
2. Fear signals follow _____ paths to the _____ the brain's threat center. (Goose Bumps)

Soaring 150 feet into the air, Cleveland's landmark wind turbine sits majestically on the front lawn of the Great Lakes Science Center. Visible to pedestrians, motorists, downtown workers and visitors, the turbine makes a dramatic statement about the viability of advanced energy for our region. The wind turbine provides approximately seven percent of the Great Lake Science Center's annual electrical needs. Requiring a breeze of eight miles per hour to begin generating power, the 26-ton wind turbine achieves its peak output of 225 kilowatts at wind speeds of 31 miles per hour.

3. How many watts is that if 1 kilowatts (kw) = 1,000 watts (w)
4. Who collaborated together to make the wind turbine possible?
5. Name at least 3 exhibits.

a. Name:

i. Details:

b. Name:

i. Details:

c. Name:

i. Details:

- 1) Born to be Wild
- 2) 2 and amygdala
- 3) The Cleveland foundation, the U.S. Department of energy, Parker Hannifin Corporation and Lubrizol Corporation.
- 4)
 - a. Science Phenomena Floor
 - b. NASA Glenn Visitor Center
 - c. OMNIMAX® Theater
 - d. Biomedical Technology Gallery
 - e. Polymer Funhouse
 - f. Steamship *William G. Mather*
 - g. Alternative Energy

5) 225,000 watts