Nervous System Disorders Activity:

We will divide up the list as a class. You will do your research then present it to the class in a precise and visual manner. Prepare any visual aides to assist the class. You must have an actual physical prompt for each of the three parts. Every person must prepare and give an oral presentation. You will be graded on accuracy, brevity, clarity and creativity. Each member should only speak for 1-2 minutes.

Using the internet or books.
1. Research neurotransmitter: Explain where they are used and what is their role. What happens if they are in abundance or in low supply? Explain the role of each neurotransmitter.

2. Explain the mechanism of the drug’s action: Is it a blocker or receptors on the post synaptic nerve? Does it destroy NT in the synapse. Does it block reabsorption? Does it hurt the Na/K pump? Does it increase/decrease permeability? What is the effect of the drug? Is the effect of the drug reversible?

3. Research each disorder: Explain method of transmission, effects on the body and any treatments.

4. Prepare your presentation to be interactive. Either make a Claymation type animation of the action and post on youtube or bring me a memory stick. Or use old fashioned poster board and move items around in class. I do not want power points.

5. Make an accompanying student worksheet which should have a blank diagram and a few key questions.

6. Be sure to include a bibliography for all sources used.