**Neural Transmission Project**

You are assigned the task of preparing an illustration of the steps in transmission of a nerve impulse. Your illustration should include labels and written explanations of the steps. It may be in the form of a booklet, a series of cartoons, a banner for the wall, a board game, an illustrated story, or any other method that accurately shows the steps in neural transmission. You should NOT print pictures, but illustrate the steps yourself. You may work alone or with a group, but no more than 3 people may be in a group. If you choose to work in a group, you should plan to meet together outside of class to give you time to finish.

Begin with a signal at the dendrites, include the steps in an action potential, and then the steps in transmission at the synapse by neurotransmitters. Use your textbook and online videos to help you outline the steps *before* you begin the project.

**Due Date: Thursday, March 6. We will show our projects in class on Thursday.**

Grading: The project will be worth half the value of a test (30 points)

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| A | Steps include all parts of neural transmission from dendrites through the synapse; clear explanation is given and could be understood by someone unfamiliar with the concepts; extra information is also given. | Illustrations are clear, colorful, and well labeled | Extra effort is made to produce an accurate and attractive product.  “Go the extra mile!” |
| B | Steps include all parts of neural transmission from dendrites through the synapse; clear explanation is given and could be understood by someone unfamiliar with the concepts. | Illustrations are clear, colorful and well labeled. | Good effort is made and product is accurate. |
| C | One or more steps may not be accurately or thoroughly described. | Illustrations may be missing for one or more steps or are not colored or not well labeled. | Moderate effort is made. |
| D/F | Several steps are missing or not well described. | Illustrations are incomplete or not present for all steps. | Minimal effort is made. |