**How the Brain Works: Group Video Project**

For this project, you and a group of 4-5 of your peers will be making a video that explains “how the brain works”. You are welcome to get as creative as you want with this video, for example you could make it appear as if someone is flipping through tv channels and seeing different “shows” about brain development:

* maybe one show is simply talking to a neurobiologist on parts of the brain (and they’re wearing a lab coat and thick glasses)
* another is a group of people acting out how a neuron “fires”
* and another is showing kids “learning something” while someone narrates in the background what is happening in their brain as they learn that thing (talking about plasticity, windows of opportunity, critical/sensitive periods, pruning)

Be as creative as you want, but you must mention the following subjects at the MINIMUM:

* Neurons (and how they work, including their parts: dendrites, axons, synapses, myelin sheathing)
* Brain Plasticity (including critical periods, sensitive periods, and windows of opportunity)

You must also include ONE of the following topics:

* The wiring process
* The sorting process
* The firing process
* The pruning process

EVERYONE in your group must speak or appear in the video at some point!

Grading for this project:

**Video Content:**

Information on neurons:\_\_\_\_\_/10 points

Information on plasticity: \_\_\_\_/10 points

Information on a brain process: \_\_\_\_\_/10 points

**Other:**

Group participation: \_\_\_\_\_\_/10 points

Video Creativity: \_\_\_\_\_\_/10 points

Total:\_\_\_\_\_\_\_\_/50 points