

**Subject:** Neurology Group Project

**UNIT NAME:** THE BRAIN

**SUMMARY OF UNIT:** To understand the functionality of each section of the brain by using 3D technology to bring to life.

**Standards:** CEC standards 10.5, 11.5, 12.5

**Objectives:** Assign teams each section of the brain. Example: frontal lobe: team will design the 3 . Portion to be printed on machine. Each member will have to research all functions of that part of the brain and what s responsible for it.

**MATERIALS:** Medical Terminology book, computer lab, 3D printer, poster, markers.

**Assignment:** Each team creates, develops, and researches their assigned section of the brain.

**Activities:** After printing brain section, team presents in front of class their project findings and results. At the end they each put the whole brain together into one Brain! With each poster explaining functionality of brain.

30 mins: designing, research, and creating poster as a team

15: presentation in front of class

10: Students can use [www.bls.gov](http://www.bls.gov) to show and compare a Neurologist job title and position, being that job duties would entail thorough knowledge of the brain.

<http://www.bls.gov/ooh/healthcare/physicians-and-surgeons.htm>

10: Student self assessment, grading each other on information presented. Would have a rubric to base grading on.