

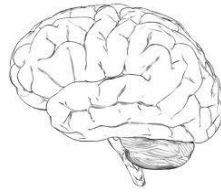
---

---

# Brain and Nervous System Tic-Tac-Toe

---

---



<b>Unit:</b>	Brain and Nervous System
<b>Topics:</b>	Brain and Nervous System
<b>Type of Lesson:</b>	Alternative Assessment
<b>Time Frame:</b>	2-3 days, less if given for homework
<b>Materials:</b>	Varies depending on student choice
<b>Description:</b>	Students would complete a tic-tac-toe choosing three options from the grid.
<b>Source:</b>	tic-tac-toe format adapted from <u>Teaching Beyond the Test: Differentiated Project-Based Learning in a Standards-Based Age</u> by Phil Schlemmer and Dori Schlemmer

---

National Standards for the Teaching of High School Psychology  
2011 Edition

<b>Domain:</b>	Biopsychological
<b>Standard Area:</b>	Biological Bases of Behavior

# Brain and Nervous System Tic-Tac-Toe

**Content Standard:** 1. Structure and function of the nervous system in human and non-human animals

**Performance Indicator:** Varies based on student choice

## Brain and Nervous System Tic-Tac-Toe Board

Your task is to choose three items to create a tic-tac-toe. You can go horizontally, vertically, or diagonally. You must complete three items in the sequence.

1. Write a story about a superhero with an augmented part of the brain and create a visual representation of this superhero.	2. Create a collage of images depicting the functions of the parts of the brain, tell how each part relates and position pictures in the model of a brain	3. Create and perform a skit about a brain injury from the perspective of the injured brain part.
4. Teach the class a short lesson on an aspect of brain injury/abnormality/trauma, similar to the Ramachandran video	5. Create a model of the brain or nervous system using various objects you've found. Try to stick with a theme in your items (not a clay model)	6. Write a journal from the point of view of one part of the brain. How might this part interact with the other parts, etc?
7. Create a model of a neuron that simulates the transmission of a message across a synapse	8. Write a song/rap that would teach the structures and functions of the brain	9. Create a chart or Venn diagram showing how the parts of the brain interact

I have decided to complete these three tasks to make a tic-tac-toe			
--	--	--	--

You may propose an alternate task to replace one of the tasks in your tic-tac-toe if you have something that goes along with the unit. Describe your idea below and get approval from your teacher.

Alternate proposal will replace task # \_\_\_\_\_

---

---

# Brain and Nervous System Tic-Tac-Toe

---

---

--

Student Signature	Date
Teacher Signature	Date