

## Web Quest: The Human Brain

<http://questgarden.com/194/93/8/170604195046/>

**Topic:** The Human Brain

### **Standards:**

L.S.2.4.3 Identify major parts and functions of the following systems: nervous

L.S.2.7.8 Investigate functions of human body systems.

### **General Goal(s):**

This Web Quest was created to help dyslexic students learn about the brain.

### **Lesson Objectives:**

Students will understand the parts of the brain and the functions of those parts.

Students will understand the brain process required to read.

Students will understand the reason that repetition is necessary in dyslexia therapy.

### **Materials:**

Each group will need an iPad or computer with access to the internet.

Each group will need the following supplies: 7 colors of clay, paper, gel paint, yarn, craft sticks, markers, toothpicks, pipe cleaners, index cards and pencils.

### **Teacher Activities:**

The teacher will introduce the subject of the brain by asking questions to the whole group:

Which parts of the body are necessary to read?

Why do some people seem to be able to learn easily and others seem to have to work very hard to read?

Is this true of any other skills?

The teacher will lead the class to a discussion about the brain.

### **Step-by-Step Procedure:**

1. Begin with lead in activities
2. Take the students to the computer lab or pass out iPads.
3. Show/guide the students to the correct website address and demonstrate how to move from link to link.
4. Walk around the room to monitor what the students are looking at and ask individual questions about what they are learning.
5. Discuss and take questions regarding the project assignment.

### **Student Activities**

Students will watch the videos and use the information to create a model of the brain.

Students will watch the next video and create three sentences about neurons and modify the brain model to include neurons.

Students will participate in a group discussion of rewiring the brain and the chosen spokesperson will report that discussion to the whole group.

Students will identify Broca's area on the brain model.

### **Assessment**

The rubric for this assignment is included in the Web Quest

### **Adaptations (For Students with Learning Disabilities):**

If applicable:

- Students will be provided with copies of the website information.
- Students will be paired with a capable peer partner within the group.
- Students will be allowed to access the Web Quest independently or at home.