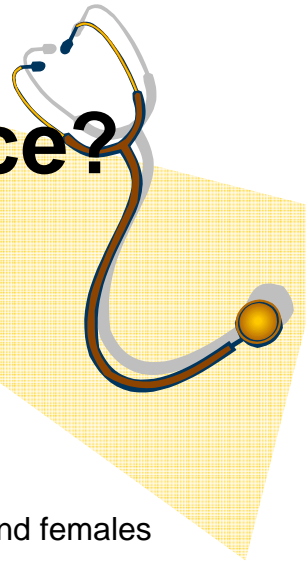


**HS – Activity #6**

# So, What's the Difference?



**QUESTION:** How are male and female brains different?

**MATERIALS:**

- Brain Diagram
- Transparent grid paper

**PROCEDURE:**

1. In this activity you will investigate differences between males and females beyond the obvious physical ones.
2. Look at the Brain Diagram provided.
3. Place the transparent grid paper on top of the diagram and tape the edges so there is no movement.
4. Look at the blue and red areas in the frontal lobe of the brain. Count the number of squares that are red and record the number in the Data table. Repeat this process with the blue area.
5. Repeat step 4 with the parietal lobe.
6. Construct a graph that displays your data.

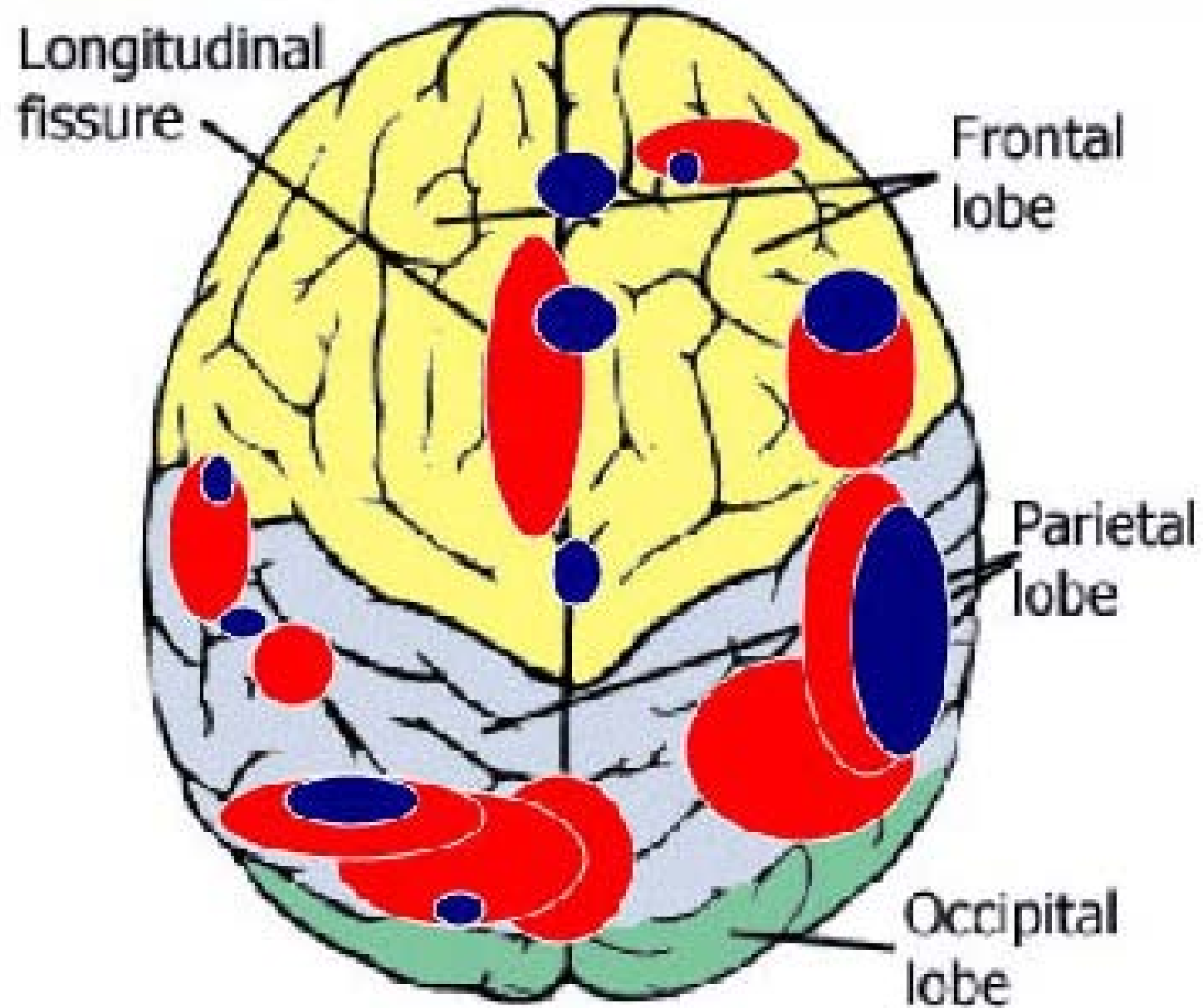
**DATA:**

	RED (FEMALE)	BLUE (MALE)
Frontal Lobe		
Parietal Lobe		

**QUESTIONS:**

1. Compare the number of blue and red squares.
2. The red and blue areas all relate to speech. Can any differences between boys and girls be explained by this data?
3. Do you think that these differences remain the same throughout a person's life? Why or why not?
4. The brain has two hemispheres (halves). Which half seems to have the most speech-related areas?

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