



مدرسة القديسة مريم الكاثوليكية الثانوية - دبي
ST. MARY'S CATHOLIC HIGH SCHOOL, DUBAI

YEAR 10 - PSYCHOLOGY (Week 2) - 2021 - 2022

Subject	Psychology
Class/ Section	Year 10
Week	5th September - 9th September
Work send to students by	Google classroom
Total number of lessons per week	4
Unit/Topic	The Brain and Neuropsychology-Lateralization of Function in the Hemisphere
Key Vocabulary	Corpus callosum, left and right hemisphere, broca's area and spatial awareness.
Lessons 1,2,3 -Live Zoom lesson along with face to face instruction for students present on a particular day Work will be assigned in google classroom which will be matched to the students' ability.	<u>Specific Learning objectives</u> <ol style="list-style-type: none">Describe how two hemispheres of the brain have asymmetrical (different functions).Explain the role of the left and right hemisphere.Explain the role of corpus callosum.State the strengths and weaknesses of lateralization as an explanation of sex differences between males and females. <u>Specific Intended Learning Outcomes</u> <ol style="list-style-type: none">Describe how the hemispheres of the brain have asymmetrical functions.Outline the role of the left and right hemisphere.State the role of the corpus callosum.Evaluate the strengths and weaknesses of lateralsiation as an explanation of sex differences between males and females.

Tasks

Task 1: (1st and 2nd lesson task , during lesson)

1. What does lateralization of function mean?
2. What does asymmetrical function mean?
3. Where the location of the corpus callosum and what is its key role?
4. Where is the location of the Brocas area? What is its function?
5. What does spatial awareness mean?
6. How the difference between males and females is explained using lateralization of functions.
7. Which brain is more laterise?

Task 2: (Homework Exam style question) (Google classroom)

Max and Anita have twins – a boy Jasper and a girl, Jasmine. When the twins started preschool, their teacher commented that Jasper really enjoyed building models with blocks and bricks, while Jasmine liked listening to stories, talking to her friends and making up games to play. Based on traditional views of brain lateralization, how could you explain the difference in the twin's behaviour at preschool?

Submission date: 10th September 2021

Task 3(homework) (Google classroom)

Application

Shaun has suffered damage to his brain following a biking accident that causes him to bang his head badly. The doctor says his brain scan shows that there is swelling in Broca's area in his left hemisphere and Shaun should expect some short-term problem until the swelling goes down.

From your understanding of the functions of Broca's area, what effects might Shaun's doctor advise him to expect?

Submission date: 10th September 2021

Essential questions:

- ✓ Explain how the brain's hemispheres have unequal functions.
- ✓ Describe the functions of the left and right hemispheres.
- ✓ Explain the function of the corpus callosum.
- ✓ Assess the advantages and disadvantages of laterisation as an explanation for sex differences between males and females.

Assessment Criteria:

AO1: Explain how the brain's hemispheres have unequal

Assessment Criteria/ Essential questions

Resources	<p>functions.</p> <p>A02: Explain the function of the corpus callosum.</p> <p>A03: Explain the strengths and weaknesses of lateralisation as an explanation for sex differences between males and females.</p> <p>Textbook page 82- 85 PPT</p>
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