



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

Lesson Plan

Subject	Psychology
Class/ Section	10
Week	19th – 23rd September
Work send to students by	Google classroom
Total number of lessons per week	4
Unit/Topic	Topic 4: The brain and neuropsychology - The impact of neurological damage & Studies: Damasio et al. (1994) The Return of Phineas Gage: Clues About the Brain from the Skull of a Famous Patient
Key Vocabulary	Neurological damage, Visual agnosia, Prosopagnosia, Pre-frontal cortex, Agnosia, Fusiform face area (FFA), White matter
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 student's ability.	<u>Specific Learning objectives</u> <ul style="list-style-type: none">• Explain how ones thought and behavior can be affected by damage to the brain.• Describe signs and symptoms of two disorders linked to brain damage known as 'visual agnosia' and 'prosopagnosia'.• Explore how damage in the pre-frontal cortex of the brain might affect a person's behavior.• Discuss the background of Damasio et al study. (1994).• Outline the aim, procedure, findings/result and

conclusion of the study.

- Evaluate the strengths and weaknesses of the study.

Specific Intended Learning Outcomes

- Explain how thoughts and behavior can be affected by damage to the brain.
- Differentiate between visual agnosia and prosopagnosia.
- Describe how damage in the pre-frontal cortex of the brain might affect a person's behavior.
- Describe the study using the APRC template.
- State the strengths and weaknesses of the study.

Tasks

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

1. What does neurological damage mean?
2. What two disorders are linked to brain damage?
3. What are the symptoms and signs of visual agnosia and prosopagnosia?
4. Describe the impact of damage to the pre-frontal cortex.
5. How the damage to the brain affects the person's behavior and thoughts?

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

1. Carry out some research to find out about what effects visual agnosia and prosopagnosia can have on different people.
2. Outline the signs and symptoms of two disorders linked to brain damage known as visual agnosia and prosopagnosia. Suggest as to how damage to the pre-frontal cortex of the brain may affect a person's behavior.

Task 3: (3rd and 4th lesson task , during lesson)

1. Discuss the background of Damasio et al study. (1994).
2. Outline the study using the APRC template.
3. State the strengths and weaknesses of the study.

Task 4: (Homework Exam style question) (Google classroom)

**Assessment Criteria/
Essential questions**

1. Summarize the study using the APRC template.

Essential questions:

1. Identify and explain the impact of neurological damage to the pre-frontal cortex.
2. What are the cautions ones need in order to avoid or prevent this damage to the brain?
3. What happened to a person's behaviour once the brain is damage?
4. How is the result of the study help us to understand behaviour of person with brain damage?
5. Why Phineas Gages story an interest in the study of brain and behaviour?

Assessment Criteria:

A01: Explain neurological damage and how ones thought and behavior can be affected by damage to the brain.

A02: Refer to the signs and symptoms of two disorders linked to brain damage known as visual agnosia and prosopagnosia; Describe the study using the APRC template.

A03: Evaluate the strengths and weaknesses of Damasio et al study. (1994).

Resources

PowerPoint Presentation; Textbook (pg 88 – 91); Videos:

> <https://www.youtube.com/watch?v=ze8VVtBgK7A> - Visual Agnosia

> <https://www.youtube.com/watch?v=vwCrxomPbtY> - Prosopagnosia

> <https://www.youtube.com/watch?v=f1Zjq1M75gc> - Prosopagnosia

> <https://www.youtube.com/watch?v=NZU0C4-9hBc> - Damasio et al. (1994)

> <https://www.youtube.com/watch?v=oOkISlxST38> -

	Phineas Gage
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