

ASSESSMENT TASK 2 – INVESTIGATION 1**FACTORS INFLUENCING THE RETRIEVAL OF INFORMATION FROM THE WORKING MEMORY****NAME:****ASSESSMENT DATES: TERM 1, WEEKS 5-7****TASK****(55 marks) (7.5% Investigation)**

The working memory has been a significant area of study by psychologists in recent years. It is not only responsible for holding (rehearsing) information for immediate use by the person, but also in vital processes such as attention and planning. However, the capacity and duration of working memory is limited, and information held in the working memory is subject to interference from other information. This can lead to inabilities in accurately retrieving this information. This investigation will assist students in developing an understanding of interference theory with regards to retrieval of information in the working memory.

UNIT:

- Year 12 ATAR Psychology Unit 3

CONTENT:

- Cognition
- Planning & conducting psychological research
- Processing & evaluating psychological research

OUTCOMES:

- Outcome 1: Psychological understandings;
- Outcome 2: Investigating in psychology, and; psychological understandings;
- Outcome 4: Communication in psychology
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ALLOCATED TIME FOR THE TASK: You will have approximately 64 minutes (1 period) to write your report under test conditions. You will not be allowed draft notes.

Activity Details: What you need to do

1. Collect and return your signed informed consent form indicating your participation in the class investigation.
2. Participate in the investigation and collect your data.
3. At home collate your data and prepare DRAFT notes on the sections below
4. In class under test conditions write-up the investigation using the write-up sheet provided and no notes.
 - *Abstract:* a brief overview of the investigation is provided
 - *Introduction:* include
 - General background information/theories
 - Literature review: at least three (3) relevant studies
 - Aim and operational hypothesis
 - Aim
 - Operational hypothesis
 - Variables
 - Independent variable
 - Dependent variable
 - *Data collection method:*
 - Participants
 - Materials
 - Procedure
 - *Results:*
 - Graphs/ tables
 - Description of data
 - *Interpretation of results:* conclusions relating to the hypothesis
 - *Discussion and evaluation:*
 - Discussion of controlled and uncontrolled variables
 - Discussion of potential impacts of extraneous variables
 - *Critical analysis of findings:*
 - Discussion of methodological flaws and suggestions for improvement
 - Discussion of relevant APS ethical considerations and whether they were adhered to
 - *References and appendices:*
 - References are included and follow APA referencing format
 - Appendices are attached and correctly labelled
5. What you need to hand in:
 - This assessment sheet
 - Completed report (including graphs and appendices)
 - Draft notes do not need to be submitted, but *please keep them* in case they need to be checked by your teacher

ASSESSMENT TASK 2 – INVESTIGATION FACTORS INFLUENCING THE RETRIEVAL OF INFORMATION FROM THE WORKING MEMORY		
	Possible Mark	Allocated Mark
ABSTRACT	6	
INTRODUCTION		
Provides succinct and detailed information about the theory and past research behind the investigation; writes both a specific aim and operationalised hypothesis that logically follows the aim. Accurately identifies independent and dependent variables.	8-10	
Identifies broad aspects of the theory and communicates some research behind the investigation. Provides a general aim and poses a research question/prediction as a hypothesis. Identifies independent and/or dependent variable.	5-7	
Identifies limited aspects of the theory and research behind the investigation. No aim or research question/ prediction given or independent or dependent variable.	0-4	
DATA COLLECTION METHOD		
Clearly identifies and explains the participants, materials used and procedures in sufficient detail to be replicated used.	8-10	
Some details missing in some parts of the data collection method.	5-7	
Insufficient details about participants, materials and procedures to allow replication	0-4	
RESULTS		
Data organised into a convenient and appropriate form, using correctly labelled tables, graphs, charts or diagrams. Accurate description of findings.	6 - 7	
Data organised into convenient and appropriate form but tables, graphs, charts or diagrams are incorrectly labelled. Description of findings with some inaccuracies.	3 - 5	
Data not organised in an appropriate way. Inaccurate or no description of the findings.	0-2	
INTERPRETATION OF RESULTS		
Discusses and analyses the data, draws accurate and thorough conclusions that relate to the hypothesis and relates all descriptive statistics to the hypothesis. Discusses any trends or anomalies in the data also.	5 – 6	
Draws accurate conclusions from some data that relate to the hypothesis but analysis lacks depth. Some descriptive statistics related to hypothesis.	3-4	
Limited general discussion of the results	0-2	
DISCUSSION AND EVALUATION		
Comprehensive discussion of points related to variables controlled by the researcher and variables that were left uncontrolled throughout the experiment. Detailed and accurate discussion of potential extraneous variables and how these could impact the results. Relates and discusses previous research mentioned in the introduction; compares results, interprets meaning and applies theory.	8-10	
Discusses some controlled and uncontrolled variables. Discusses some extraneous variables and their impact on results.	5-7	
Limited or no discussion of controlled or uncontrolled variables, or of potential extraneous variables and their impact on results.	0-4	
CRITICAL ANALYSIS OF FINDINGS		
Discussion of methodological flaws and suggestions for improvement.	0-4	
Outline of relevant APS ethical considerations and whether they were adhered to in the investigation.	0-6	
REFERENCING AND APPENDICES		
Accurate use of APA citation and referencing	0-2	
Appendices attached	0-2	
TOTAL MARK FOR TASK	55	

Teacher comment: _____
