

Year 10 Psychology January PPE1 information

MEMORY

Content	Additional information
Processes of memory: encoding (input) storage and retrieval (output)	Different types of memory: episodic memory, semantic memory and procedural memory.
Structures of memory	How memories are encoded and stored. The multi-store model of memory: sensory, short term and long term. Features of each store: coding, capacity, duration. Primacy and recency effects in recall: the effects of serial position. Murdock's serial position curve study.
Memory as an active process	The Theory of Reconstructive Memory, including the concept of 'effort after meaning'. Bartlett's War of the Ghosts study. Factors affecting the accuracy of memory, including interference, context and false memories.

RESEARCH METHODS

Content	Additional information
Formulation of testable hypotheses	Null hypothesis and alternative hypothesis.
Types of variable	Independent variable, dependent variable, extraneous variables.
Sampling methods	Target populations, samples and sampling methods and how to select samples using these methods: <ul style="list-style-type: none">• random• opportunity• systematic• stratified. Strengths and weaknesses of each sampling method.
Designing research	Understanding principles of sampling as applied to scientific data. Quantitative and qualitative methods:

Content	Additional information
	<ul style="list-style-type: none"> the experimental method (experimental designs, independent groups, repeated measures, matched pairs, including strengths and weaknesses of each experimental design) laboratory experiments field and natural experiments interviews questionnaires case studies observation studies (including categories of behaviour and interobserver reliability). <p>Strengths and weaknesses of each research method and types of research for which they are suitable.</p>
Planning and conducting research	<p>How research should be planned, taking into consideration the reliability and/or validity of:</p> <ul style="list-style-type: none"> sampling methods experimental designs quantitative and qualitative methods.
Ethical considerations	<p>Students should demonstrate knowledge and understanding of:</p> <ul style="list-style-type: none"> ethical issues in psychological research as outlined in the British Psychological Society guidelines ways of dealing with each of these issues.

Revision Resources

- Booklets on Memory and Research Methods from our lessons, including the practice exam questions.
- Seneca Activities- <https://app.senecalearning.com/teacher/class/g2i0yobb4t/assignments/assignment/03537014-3fae-4f5f-8b70-59b2f1942d95>
- Youtube videos - <https://www.youtube.com/watch?v=GpPowWc1tXI&list=PLUQ8QDGvbAwhofjoeWA9kpLp6Jyd5EzZw>