## Lesson 6

# Experimental Methods Research Practical: Writing Up Your Study



#### **Learning Objectives**

- All students will collate their data from the research practical.
- All students will draft the results section for their research practical report.
- All students **should** <u>draft</u> a discussion section for their research practical report.
- All students could <u>draft</u> an introduction section for their research practical report.

#### **Key Terms**

- Abstract
- Introduction
- Method
- Results
- Discussion
- References
- Appendices

**Extension activity:** Choose a study you are familiar with (e.g. Watson and Rayner's (1920) 'Little Albert' study). Write an abstract for this study.



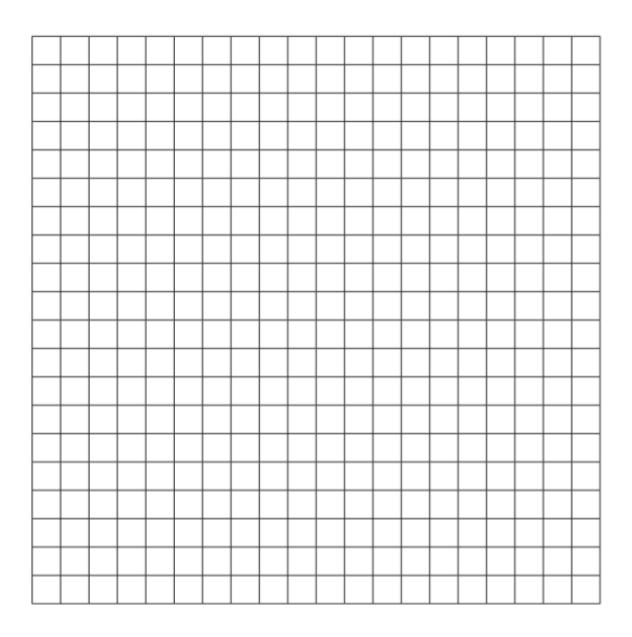
#### Questions to guide your thinking ...

- What are the main sections of a scientific report?
- What is the function of an abstract (i.e. what is its purpose)?
- Where in a report are the aims and hypothesis presented?
- What are the sub-sections of the method section?
- What do researchers write about in the discussion?
- What is the appropriate format for references?
- What appears in the appendices?

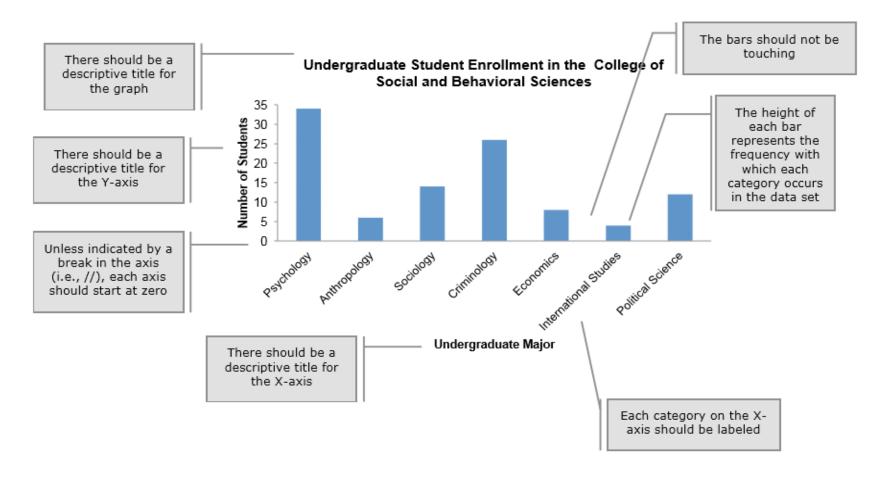
## Results

> Create a table to summarise the mean scores for each condition:

> Draw a suitable graph to show the mean scores for each condition. Don't forget to include a title and to label the axes:



How to Draw a Bar Chart (from file:///E:/Resources/RM/Graphs/selden14.pdf)





### **Discussion**

>	What did you find (briefly describe the results of the study)?
>	Does this evidence support the research hypothesis?
>	Are your findings consistent with Craik and Lockhart's theory?
>	What were the limitations of the study?
>	If you were to do the experiment again, how could you improve it?
>	Do the results have any implications for further research or for real-world applications?
urce	es to help you write your introduction and develop your discussion:

AS Revision 101 (no date) Levels of Processing Framework. [ONLINE] Available at: http://www.smartalevels.co.uk/PSYCHOLOGY/mod1unit2/2-4-levels-of-processing-framework.pdf

McLeod, S. (2007) Levels of Processing. [ONLINE] Available at: https://www.simplypsychology.org/levelsofprocessing.html

## **Master Data Sheet**

Condition A (words only)			Condition B (words and images)		
Participant	Gender (M/F)	Number of Words Recalled	Participant	Gender (M/F)	Number of Words Recalled
1			1		
2			2		
3			3		
4			4		
5			5		
6			6		
7			7		
8			8		
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24			24		