Learning Approach: Methods

You should work through the following elements to create and complete your notes on the Learning Approach Methodology section.

Where possible use a study to *briefly support* your notes of the method (e.g., Harlow's monkeys for 4.2.2)

Note: the ** elements are those we will cover together in class.

Spec	Topic	Book	A01 with A03	Done?
** 4.2.3	Chi-Squared Test	212-213	When to use Chi-Square How to calculate Chi-Square How to use and interpret Chi-Square	
** 4.2.4	Psychology as a Science	214-215	Empiricism Falsifiability of hypotheses Controls Replicability Reductionism	
4.2.1	Observational human research	206	Observational research	
			Qualitative data collection	
			Quantitative data collection: Behavioural categories Event sampling Time sampling	
	Content analysis	207	Content analysis (qual data)	
	Types of observation	208	Participant Non-participant Structured Naturalistic Overt Covert	
		209	Reliability of observations: Test-retest (repeated observations) Inter-rater Improving reliability	
			Validity of observations: Observer bias (and reducing it) Overt validity issues	
4.2.2	Using animals in lab experiments	210	Arguments for and against using animals	
		211	Ethical arguments: 1. Pain and distress 2. Speciesism 3. Animal rights Scientific Procedures Act (1986) Home Office Regulations BPS guidelines	