

Key Terms for Research Methods

	Definition
Hypothesis (Null, Experimental, Alternative)	
Independent Variable	
Dependent Variable	
Objectivity	
Subjectivity	
Control condition	
Experimental condition	
Experiment	
Natural experiment	
Field experiment	
Lab experiment	
Questionnaire (Open and closed questions)	
Interviews (Structured and unstructured)	
Observation (Participant and non-participant,	

Overt and Covert)	
Inter- observer reliability	
Case study	
Correlation (positive and negative, no correlation)	
Scatter graph	
Time sampling	
Extraneous (confounding) variables	
Standardised procedure/instructions	
Representative	
Generalisability (extrapolate)	
Independent measures design	
Repeated measures design	
Matched pairs design	
Demand Characteristics	
Researcher bias	
Counterbalancing	

Random allocation	
Randomisation	
Target population	
Sample	
Opportunity sampling	
Random sampling	
Systematic sampling	
Stratified sampling	
Mean	
Mode	
Median	
Range	
Anomalous results	
Percentages	
Bar chart	

Line graph	
<u>Ethics- Respect-</u> Confidentiality, informed consent, privacy, deception and right to withdraw.	
<u>Ethics- Competence</u>	
<u>Ethics- Responsibility-</u> protection from harm and debriefing.	
<u>Ethics- Integrity</u>	
<u>Ethics- Respect</u>	
Ecological Validity	
Predictive Validity	
Concurrent Validity	
Face Validity	