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Topic 1: Compose research problems and purposes

Steps in Planning Your Research Project

Level Question	Problem	Purpose	Design Level	Design	Sample	Methodology	Analysis	Answer
I. What is or	Little to no	To declare or	Exploratory	Exploratory	Small sample	Qualitative,	Content analysis	Description of the
what are	literature on	claim a			or total	structured, or	and constant	processes, concepts
	the topic	statement(s)	Descriptive	Descriptive	population	unstructured	comparison	or phenomena
						data		
					Total		Descriptive	Description of
					population		statistics	variables or
					sample			populations
							Charts and graphs	
II. What is or	Conceptual or	To test a	Descriptive	Correlational	As large as	Structured or	Correlation	Explanation of the
what are the	theoretical	question(s) or	_		possible	quantitative	analysis, or tests of	relationship among
relationships	base	hypothesis(es)	Survey	Comparative		data collection	association	variables
between or					Non-random			
among					assignment to		Differences	Support or reject a
variables					groups		between group	hypothesis or a
							means	theory
III. Why	Theoretical	To test a	Experimental	Quasi-	Non-random	Structured or	Differences	Test a theory
	base	hypothesis(es)		experimental	assignment to	quantitative	between sets of	
				_	groups	data	scores	
				True	- 1			
				experimental	Random			
					assignment to			
					groups			

Note: This table was modified from the table included in the book of Wood and Ross-Kerr (2006).

Source: Wood, M.J., & Ross-Kerr, J.C. (2006). *Basic steps in planning nursing research: From question to proposal* (6th ed.). Sudbury, MA: Jones and Bartlett Publishers, Inc.