

Example Completed Test Blueprint

Question	Course Objective	Step in the Nursing Process	NCLEX® Category	Cognitive Level	Difficulty Level	Item Discrimination
1		Assessment	1	App	0.88	0.46
2		Diagnosis	3	Ana	0.69	0.14
3		Intervention	4	K	0.73	-0.23
4		Diagnosis	8	C	0.88	-0.03
5		Diagnosis	2	App	0.91	0.42
6		Assessment	1	Ana	0.94	0.19
7		Intervention	1	Ana	0.5	-0.10
8		Intervention	5	Ana	0.85	0.20
9		Diagnosis	6	App	0.91	0.11
10		Diagnosis	6	K	1.0	0.00
11		Evaluation	8	App	0.82	0.24
Etc.						

Assessment	3	NCLEX Cat. 1	4	Knowledge	2	Higher than 0.5	1	0.4 or higher	2
Diagnosis	5	NCLEX Cat. 2	1	Comprehension	1	0.5 or less	0	Less than 0.4	10
Planning	1	NCLEX Cat. 3	1	Application	5			Positive	9
Intervention	3	NCLEX Cat. 4	1	Analysis	4			Negative	3
Evaluation	1	NCLEX Cat. 5	1						
		NCLEX Cat. 6	2						
		NCLEX Cat. 7	0						
		NCLEX Cat. 8	2						

Difficulty Level = % of students who answered the item correctly.

Item Discrimination = how well an item distinguishes between high and low scoring students.
 Ranges between -1 and +1
 0.40 & higher = good
 Between 0.20 & 0.39 = fair, could be improved
 Below 0.20 = poor, revise
 The more + the better.
 Negative if more low-scoring than high-scoring students are answering the item correctly.

Add the item analysis statistics to the blueprint after you administer the test. Use these stats for improving your test items.