

COGNITIVE LEVEL COMPARISON MATRIX: BLOOM AND WEBB

CATEGORIES

BLOOM			WEBB	
1.0	Knowledge	Remembering	1.0	Recall
2.0	Comprehension	Understanding	2.0	Basic Application of Skill/Concept
3.0	Application	Applying		
4.0	Analysis	Analyzing	3.0	Strategic Thinking
5.0	Synthesis	Evaluating	4.0	Extended Thinking
6.0	Evaluation	Creating		

DEFINITIONS

BLOOM		WEBB	
1.0	Student remembers or recalls appropriate previously learned information.	1.0	Student recalls facts, information, procedures, or definitions.
2.0	Student translates, comprehends, or interprets information based on prior learning.	2.0	Student uses information, conceptual knowledge, and procedures.
3.0	Student selects, transfers, and uses data and principles to complete a task or problem with a minimum of direction		
4.0	Student distinguishes, classifies, and relates the assumptions, hypotheses, evidence, or structure of a statement or question.	3.0	Student uses reasoning and develops a plan or sequence of steps; process has some complexity.
5.0	Student originates, integrates, and combines ideas into a product, plan, or proposal that is new.	4.0	Student conducts an investigation, needs time to think and process multiple conditions of problem or task. PROJECT OVER TIME IN-DEPTH SYNTHESIS ANALYSIS
6.0	Student appraises, assesses, or critiques on a basis of specific standards and criteria.		

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Action Words			
BLOOM		WEBB	
1.0	define, identify, name, select, state, order (involves a one-step process)	1.0	define, identify, name, select, state, order (involves a one-step process)
2.0	convert, estimate, explain, express, factor, generalize, give example, identify, indicate, locate, picture graphically (involves a two-step process)	2.0	apply, choose, compute, employ, interpret, graph, modify, operate, plot, practice, solve, use (involves a two-step process)
3.0	apply, choose, compute, employ, interpret, graph, modify, operate, plot, practice, solve, use, (involves a three-or-more step process)		
4.0	compare, contrast, correlate, differentiate, discriminate, examine, infer, maximize, minimize, prioritize, subdivide, test	3.0	compare, contrast, correlate, differentiate, discriminate, examine, infer, maximize, minimize, prioritize, subdivide, test
5.0	arrange, collect, construct, design, develop, formulate, organize, set up, prepare, plan, propose, create, experiment and record data	4.0	arrange, collect, construct, design, develop, formulate, organize, set up, prepare, plan, propose, create, experiment and record data
6.0	appraise, assess, defend, estimate, evaluate, judge, predict, rate, validate, verify		