

Cue Chart for the Cognitive Processes

(Based on "Bloom's Taxonomy of Educational Objectives")

Levels and Learner Expectations

Starter Verbs

Knowledge Gain specific facts, ideas, vocabulary, label etc. Remember in similar form.	ask	attributes of	choose	define
	fill in	find	group	identify
	list	match	memorize	
	name	observe	pick	recall
	recite	recognize	relate	repeat
	show	underline	what	when
	show	underline	what	when

"to know the answer "

Activities: question/answer, workbooks, worksheets, programmed instruction, games, puzzles, information search, reading assignments, drill and practice, memory games, quizzes

Comprehension Grasp meaning of material learned, communicate learnings and interpret learnings.	account for	change	define	demonstrate
	describe	discuss	expand	explain
	express	extend	group	identify
	locate	outline	paraphrase	recognize
	reorganize	.report	restate	retell
	review	reword	show	summarize
	tell	translate .		

"to understand"

Activities: peer teaching, morning talk (show/tell), small-group projects, making predictions or estimates, giving examples, paraphrasing

Application apply choose classify collect
 construct demonstrate dramatize draw
 Make use of learned experiment group interview model
 knowledge in new organize paint plan practice
 or concrete manner, put into action put to use summarize
 or to solve problems. put together record utilize
 relate report select sketch
 solve by
"to use your knowledge in a similar situation "

Activities: simulations, role playing, production of writing, model building, interviews, group presentations, experiments, classifications, interpretations, applications, illustrations, schedules

Analysis analyze break down categorize classify
 compare contrast correlate determine
 Take ideas/learnings apart, describe diagram discover dissect
 separating into component parts, divide examine group inspect
 seeing relationships, finding unique put in order research search separate
 characteristics.simplify sort survey take apart
 uncover

"to take apart and thoroughly understand"

Activities: deductions, outlines of written materials, attribute listing, comparisons/contrasts, differentiations, appraisals, calculations, experiments, diagrams, inspections, inventories

Synthesis adapt combine design
 imagine make up originate
 Reorganize parts to create add to compose develop
 new, original thing, idea, improve modify rearrange
 concept; stresses creative build construct devise
 behaviors. Infer produce suppose
 change create hypothesize
 invent put together

"to create something new and different"

Activities: Projects, creative writing, discussions of possibilities

Evaluations

Make judgments or decisions based on chosen criteria, standards, or conditions.

appraise	conclude	argue	consider
criticize	award	debate	assess
decide	evaluate	justify	rank
defend	generalize	measure	rate
determine	grade	predict	recommend
estimate	judge	project	select
solve	suppose	weigh	what if

"to judge or determine"

Activities: persuasive essays, critiques/judgments, debates