

Critical and Creative Thinking - Bloom's Taxonomy

Cognitive Domain

Knowledge

collect	describe	identify	list	show	tell	tabulate
define	examine	label	name	retell	state	quote
enumerate	match	read	record	reproduce	copy	select

Examples: dates, events, places, vocabulary, key ideas, parts of diagram, 5Ws

Comprehension

associate	compare	distinguish	extend	interpret	predict	differentiate
contrast	describe	discuss	estimate	group	summarize	order
cite	convert	explain	paraphrase	restate	trace	

Examples: find meaning, transfer, interpret facts, infer cause & consequence, examples

Application

apply	classify	change	illustrate	solve	demonstrate
calculate	complete	solve	modify	show	experiment
relate	discover	act	administer	articulate	chart
collect	compute	construct	determine	develop	establish
prepare	produce	report	teach	transfer	use

Examples: use information in new situations, solve problems

Analysis

analyze	arrange	connect	divide	infer	separate
classify	compare	contrast	explain	select	order
breakdown	correlate	diagram	discriminate	focus	illustrate
infer	outline	prioritize	subdivide	points out	prioritize

Examples: recognize and explain patterns and meaning, see parts and wholes

Synthesis

combine	compose	generalize	modify	invent	plan	substitute
create	formulate	integrate	rearrange	design	speculate	rewrite
adapt	anticipate	collaborate	compile	devise	express	facilitate
reinforce	structure	substitute	intervene	negotiate	reorganize	validate

Examples: discuss "what if" situations, create new ideas, predict and draw conclusions

Evaluation

assess	compare	decide	discriminate	measure	rank	test
convince	conclude	explain	grade	judge	summarize	support
appraise	criticize	defend	persuade	justify	reframe	

Examples: make recommendations, assess value and make choices, critique ideas

Affective Domain

Domain Attributes: interpersonal relations, emotions, attitudes, appreciations, and values

accepts	attempts	challenges	defends	disputes	joins	judges
contributes	praises	questions	shares	supports	volunteers	

Psychomotor Domain

Domain Attributes: fine and gross motor skills

bend	grasp	handle	kick	operate	reach	relax
stretch	type	write	express	perform	conduct	act

<http://eduscapes.com/tap/topic69.htm>