

Cognitive domain

delineates increasingly complex knowledge structures for problem-solving

1	Remember & understand Ability to identify and restate information	find, name, identify, recognise, describe, observe, define, discover, remember, match, locate, summarise, list, paraphrase, retrieve
2	Apply Ability to apply theories and models to real contexts and problems	use, explain, develop, suggest, employ, execute, interpret, build, draw, handle, construct, manipulate, utilize, convey, deploy, sketch, structure
3	Analyse Ability to construe complex connections from individual facts and relate them to each other	examine, compare, plan, distinguish, assess, interpret, organize, structure, calculate, separate, outline, classify, differentiate, survey, categorize, elucidate, contrast, appraise, attribute, dissect, deconstruct
4	Evaluate Ability to evaluate information in different contexts and gather new information	hypothesize, decide, discuss, determine, evaluate, review, recommend, judge, illustrate, critique, clarify, justify, verify, debate, formulate, collate, editorialize, account
5	Generate Ability to structure and present information in a new way, create new information and combine it in different contexts	write, produce, design, propose, combine, construct, invent, derive, predict, transform, compose, originate, devise

Metacognitive domain

represents the epistemological dimension of knowledge.

1	Specify Ability to identify and find facts, data, terms and artefacts that are typical of a specific domain	search, define, identify, describe, recognise, determine, list, indicate, review, mention, obtain, cite, acquire, stipulate, detail
2	Contextualise Ability to make suitable connections between specific knowledge and disciplines and classify that knowledge in categories	research, determine, assess, select, connect, refer, distinguish, focus, characterize, categorize, situate, position, document, substantiate, relate, condition
3	Conceptualise Ability to work with models, visualisations, theories and structures; creating relationships between or within contexts	manage, form, imagine, relate, project, visualize, model, consolidate, envisage, materialize, sift
4	Process Ability to use language and actions specific to the subject in order to specify, contextualise and conceptualise knowledge	practice, utilize, measure, cause, function, animate, transact, action
5	Abstract Ability to identify and process abstract or non-specific knowledge; to explain the origin of the knowledge in a way that is comprehensible	combine, separate, reflect, expand, extract, idealize, postulate, hypothesize

Psychomotor domain

includes manual or physical skills.

1	Imitate Ability to observe and mimic others' actions	identify, repeat, follow, match, copy, replicate, imitate, adhere
2	Manipulate Ability to reproduce actions from memory or by instruction according to a prescribed standard	employ, perform, build, implement, execute, prepare, engage, undertake, manipulate, enact, sketch, re-create
3	Perfect Ability to perform actions expertly and independently and to demonstrate and explain these actions to others	show, produce, organize, control, demonstrate, complete, be precise, calibrate
4	Articulate Ability to apply psychomotor skills in different non-standardised contexts while also using alternative tools and instruments	develop, solve, manage, present, adapt, evaluate, modify, combine, integrate, construct, formulate, coordinate
5	Embody Ability to perform actions automatically, intuitively and appropriately to the context	manage, define, imagine, design, invent, specify

Affective domain

concerns the perception of questions regarding values, and range from simple awareness through to different values through to the internalisation of a personal value system.

1	Receive Ability to learn from others	feel, experience, focus, perceive, concentrate, attend, sense, retain
2	Respond Ability to act with respect and discernment in different contexts	perform, provide, react, operate, interpret, satisfy, contribute, question, seek to clarify, help team
3	Value Ability to contextualise and evaluate personal and collective values	argue, respect, assess, seek, justify, persuade, criticise, reflect, confront, challenge, debate, refute
4	Organise Ability to assess and accommodate personal values and the values of others	develop, build, clarify, defend, collaborate, integrate, modify, arrange, prioritize, relate, contrast, formulate, reconcile
5	Internalise Ability to formulate your own values and belief systems and to act consistently with them	practice, conclude, act, influence, solve, display, resolve, embody, practise

Interpersonal domain

refers to different levels in (intercultural) communication, conflict resolution and cooperation.

1	Articulate Ability to express your own point of view very clearly	talk, state, propose, express, pronounce, announce, prepare, interact, exchange, disclose, proclaim, vocalize, enunciate, verbalize, discern, confer, chat, profess, commune, certify, avow, acclime, place, converge
2	Argue Ability to present one standpoint coherently and hold your own in communication with others	explain, accept, discuss, inform, contact, describe, suggest, claim, defend, address, present, assert, acknowledge, connect, correspond, communicate, indicate, maintain, demonstrate, reason, appeal, justify, persuade, elucidate, exhibit, imply, manifest, establish, attest, testify, contend, impart, evince, controvert, plead, decode
3	Debate Ability to express a point of view formally and be aware of others' points of view	accept, respect, consider, question, convince, clarify, admire, comment, inspire, esteem, value, prove, coordinate, distinguish, demonstrate, contrast, rebut, refute, dispute, wrangle, oppose, reconcile, disprove, collude, cooperate, moot, altercate, cogitate, contest, controvert, deliberate, treasure, agitate, regard, co-produce, differ
4	Translate Ability to weigh up different points of view and formulate them by means of comparison, metaphor or imagery	differentiate, distinguish, separate, trust, cooperate, transform, convert, elaborate, decode, simplify, construct, negotiate, paraphrase, discriminate, explicate, decipher, extrapolate, reconcile, render, reciprocate, transcribe, converge, transpose, arbitrate, transmute, transliterate, alter, metamorphose, commute, transfigure, transmogrify, elucidate, revert
5	Interpret Ability to explain other people's points of view respectfully and based on evidence	respect, agree, solve, integrate, adapt, construct, represent, clarify, translate, perform, commentate, depict, resolve, honor, render, portray, exemplify, elucidate, explicate, delineate, paraphrase, expound, accommodate, improvise, decode, venerate, re-enact, revere, annotate, immigrate, decipher, universalize

Quelle:

Atkinson, S.P. (2024). *Educational Taxonomies*. <https://sijen.com/research-interests/taxonomies/>

Atkinson, S.P. (2022). *Writing Good Learning Outcomes and Objectives*. Sijen Education.