

A Crossroad between Bloom's and Fink's Taxonomies: Guiding Verbs for Developing Learning Outcomes

This resource combines [Bloom's Taxonomy of Cognitive Learning](#) and [Fink's Taxonomy of Significant Learning](#) in support of purposeful design of learning experiences and assessment of learners' attitudes, skills, and knowledge. Bloom's and Fink's are two taxonomies that can be used to articulate what learning looks like in specific contexts. The intersection of Bloom's and Fink's reflects how learning can be conceptualized in different ways (and categorized as different levels or domains) yet share ways in which learning is demonstrated. Action verbs are key in developing specific, measurable learning goals/outcomes/objectives. The table provides a "Crossroad" view of the two frameworks and corresponding verbs that can be used to describe what learners are intended to know, be able to do, and think about in certain ways. The verbs lists are not inclusive of all possibilities. Also, the association of a verb with certain domains does not limit its use to describe other domains; the choice in verb will depend on the content and context it describes.

Bloom's Revised Levels of Learning:

Focuses on cognitive development of intellectual abilities and skills as a hierarchy classified in declarative and intellectual skills, sometimes referred to as lower and higher orders of thinking.

Intellectual Skills – Concepts, principles, procedures, and/or problem solving:

Application of concepts, principles, and rules applied in instances beyond instruction.

- **Create** - Organize or re-organize elements together to make a new pattern or structure.
- **Evaluate** - Make judgements based on criteria and standards.
- **Analyze** - Break material into its subcomponents and determine how the parts relate to one another and overall structure and purpose.
- **Apply** - Use a process or idea in a given situation.

Declarative Knowledge – Facts and information:

Recall, recognize, state, paraphrase or summarize the facts and information collected.

- **Understand** - Make meaning of the information.
- **Remember** - Recall knowledge from the long-term memory

Fink's Domains of Learning:

Fink describes learning as the change in the learner. The Fink's taxonomy is a holistic taxonomy that describes various ways in which learning can make lasting change in multiple dimensions of life.

- **Foundational Knowledge** - Remember and identify specific information and ideas. **Human Dimension** - Learn about self and others to function and interact effectively. **Caring** - Develop new feelings, interests, and values to be driven to learn.
- **Application** - Apply the ideas to engage in physical, intellectual, or social action.
- **Integration** - Identify connections between different ideas, experiences, and realms of life (work, school, leisure).
- **Learning How to Learn** - Learn about the process of learning to become a self-directed learner.



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Bloom's Levels of Learning	Fink's Domains of Learning					
	Learning How to Learn	Foundational Knowledge	Application	Caring	Human Dimension	Integration
Remember	list, monitor, read, recall, recite, search, underline	ask, choose, collect, comply, define, name, state	enumerate, imagine, replicate, reproduce, sequence	credit, mimic, quote, recognize, recollect	accept, follow, label, listen, react, recognize, seek, specify	blend, document, exercise, imitate, indicate, merge, trace
Understand	describe, diagram, draw, participate, review, specify, translate	adhere, annotate, explain, illustrate, map, paraphrase, restate	adapt, identify, maintain, provide examples, suggest, summarize	agree, elaborate, interpret, renew interest, select, value	compare, discuss, express, infer, make, mix, note, represent, record, translate	communicate, connect, convert, extend, plot, restate, visualize
Apply	compose, deconstruct, exemplify, inquire, modify, sketch, show, utilize	act, apply, consult, explore, give example, prepare, process, realize	calculate, design, hypothesize, obtain, operate, persevere, propose, solve, use	demonstrate, express, illustrate, initiate, interview, share, transfer	cooperate, discover, guide, organize, promote, specify, support	acknowledge, concept map, integrate, personalize, recommend
Analyze	categorize, diagram, frame questions, self-assess, self-regulate	analyze, calibrate, classify, contrast, delay, illustrate, organize	deduce, examine, handle, infer, investigate, map out, outline, report, survey	assemble, configure, correlate, empathize, practice	collaborate, characterize, detail, discover, distinguish, examine, mediate	compare/contrast, comply, dismantle, formulate, graph, link, question, relate, tabulate
Evaluate	determine, develop, internalize, justify, measure, predict, resolve, verify	appraise, estimate, evaluate, measure, prove, rate, reflect, support	contrast, critique, defend, decide, discern, justify, reframe, respond, review, validate	balance diagnose, judge, promote, reconcile, recommend, value	assess, clarify, determine, exemplify, give feedback, resolve, setup, support	associate, check, conclude, determine, grade, modify, test
Create	create, dramatize, experiment, generate, reflect, set goals, structure	align, animate, compile, develop, exhibit, perform, predict, synthesize	combine, conduct, design, develop, organize, produce, restructure	commit, coordinate, cultivate, improve, pledge, theorize	advocate, build, campaign, initiate, instruct, invent, role play	construct, display, host, integrate, manage, modify, participate, write

