Syracuse University
Institutional Effectiveness and Assessment (IEA)

Action Verbs Using Bloom's and Fink's Taxonomies

Description

The document utilizes Bloom's Taxonomy of Cognitive Learning and Fink's Taxonomy of Significant Learning to guide faculty in developing learning goals, program learning outcomes and course learning objectives. Instruction is purposefully designed to develop learners' attitudes, skills, and knowledge. Bloom's and Fink's are two taxonomies faculty can use to organize instruction to facilitate students' learning. The intersection of the Bloom's and Fink's provide examples of action verbs suited for instructional and/or student levels.

Bloom's Level of Learning	Fink's Domains of Learning
Bloom's Level of Learning: Focuses on cognitive development of intellectual abilities and skills. The cognitive learning domain can be classified in declarative and intellectual skills. **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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Action Verbs						
		Fink's Domains of Learning				
Bloom's Levels of Thinking		Foundational Knowledge — Understanding and remembering information and ideas	Human Dimension — Learning about oneself and others	Caring — Develop new feelings, interests, and values	Application — Apply critical, creative, and practical skills to solve problems and manage projects	Integration — Connect ideas, people, and realms	Learning How to Learn — Become a better student, and self-directed learner. Inquire about a subject
Intellectual Skills	Create — Generate new idea or concept	Conduct, Compile, Predict, Animate, Develop, Align, Perform, Discuss, Exhibit	Advocate, Propose, Produce, Initiate, Invent, Instruct, Decide, Collaborate, Role play	Generate, Improve, Restructure, Coordinate, Combine, Synthesize, Cultivate, Theorize, Commit	Design, Develop, Create, Combine, Produce, Organize, Pledge, Propose, Form	Construct, Predict, Modify, Assemble, Adapt, Display, Integrate, Participate, Manage	Set Goals, Plan, Experiment, Dramatize, Structure, Campaign, Reflect
	Evaluate — Justify a decision or course of action	Rate, Validate, Estimate, Measure, Prove, Select, Appraise, Support, Critique, Reflect	Evaluate, Give Feedback, Clarify, Resolve, Setup, Determine, Support, Advocate, Exemplify	Assess, Judge, Diagnose, Balance, Adapt, Reconcile, Value, Recommend, Promote	Critique, Justify, Contrast, Amend, Reframe, Respond, Review, Defend, Decide	Conclude, Associate, Test, Check, Compare, Determine, Grade, Modify	Justify, Predict, Resolve, Formulate, Measure, Determine, Verify, Internalize
	Analyze — Break information into parts	Identify, Contrast, Illustrate, Calibrate, Classify, Organize, Choose, Delay, Identify	Characterize, Distinguish, Analyze, Categorize, Collaborate, Illustrate, Mediate, Detail, Discover	Explore, Correlate, Demonstrate, Associate, Dispense, Configure, Empathize, Practice, Assemble	Outline, Deduce, Compare and Contrast, Handle, Infer, Map out, Report, Examine, Investigate, Survey	Question, Relate, Formulate, Tabulate, Graph, Dismantle, Link, Integrate, Comply	Self-Assess, Self-Regulate, Frame questions, Categorize, Arrange, Diagram, Scrutinize, Map, Categorize
	Apply — Use information in other situations	Prepare, Explore, Give Example, Discuss, Process, Act, Consult, Realize, Share	Demonstrate, Modify, Discover, Promote, Guide, Display, Associate, Cooperate, Specify, Support	Demonstrate, Illustrate, Identify, Filter, Transfer, Express, Initiate, Share	Operate, Calculate, Solve, Hypothesize, Obtain, Design, Propose, Persevere, Invite	Personalize, Compare, Combine, Concept map, Graph, Synthesize, Recommend, Acknowledge, Integrate	Modify, Deconstruct, Inquire, Compose, Practice, Sketch, Exemplify, Utilize, Show
Declarative Knowledge	Understand — Explain ideas or concepts	Explain, Paraphrase, Restate, Organize, Annotate, Collect, Accept, Illustrate, Adhere	Represent, Compare, Translate, Infer, Mix, Record, Make, Note, Discriminate, Express, Interact	Discuss, Elaborate, Interpret, Respond, Combine, Display, Agree With, Value, Renew interest	Summarize, Provide Examples, Adapt, Use, Maintain, Develop, Show, Suggest, Express	Extend, Associate, Convert, Plot, Draw Assemble, Restate, Connect, Visualize	Describe, Interpret, Translate, Diagram, Balance, Grasp, Participate, Review, Comply
	Remember — Recall information	Define, Name, Indicate, List, Identify, Collect, Choose, Ask, Follow, Comply with	Specify, Recognize, Label, Follow, React, Map, Listen, Accept, Seek	Quote, Recognize, Recall, Read, Copy, Mimic, Recollect, Adhere, Attend	Enumerate, State, Reproduce, Replicate, Sequence, Browse, Read, Explore, Imagine	Indicate, Recite, Blend, Merge, Imitate, Exercise, Collect, Trace, Follow, Describe	Recall, Monitor, Self-Monitor, Write, Underline, Search, Recite, Listen