Bloom's Taxonomy for Orst

... sample template for Cognitive Domain
A complex, hierarchy of intellectual capabilities and skills involving the acquisition and use of knowledge.

LEVEL	MEANING	BEHAVIOR OR RESPONSE GROUP	COMMON VERBS	EXAMPLES
Knowledge	Behaviors or responses representing remembering information about specific people, places, things, and ideas.	• Recognize • List • Describe • Match	• Label, name, recognize, recall, identify • List, record, state • Describe, define • Match, relate	• Recognize and identify KE results in FEMM. • List ceramic magnet types • Describe Sv. • Match the types of magnetism found in various elements.
Comprehension	Behaviors or responses representing understanding of material.	• Classify • Explain • Interpret • Infer • Generalize	• Arrange, classify, locate, sort • Discuss, explain, express, summarize • Translate, paraphrase, restate • Hypothesize, infer, interpolate • Generalize, extrapolate, extend	• Arrange possible configurations for creating a null zone. • Explain coercivity. • Restate movement around the BH curve. • Infer possible reasons for domain shifting. • Generalize the effect of heat upon magnetic lattices.
Application	Behaviors or responses representing the use of previously learned material in new situations. It is useful to think of application as using comprehended material in unfamiliar situations or contexts.	• Prepare • Use • Demonstrate	• Prepare, schedule, sketch • Apply, use • Demonstrate, execute, show	• Prepare a basic layout for a test CM rig. • Use FLUX3D output as an Excel spreadsheet. • Execute a FEMM simulation script.
Analysis	Behaviors or responses representing the breakdown of complex material into constituent parts and their relationships. It may be useful to think of analysis as leading to more complete comprehension, synthesis, or evaluation.	• Analyze • Categorize • Discriminate	• Analyze, appraise, examine, experiment, test • Categorize, classify, diagram, outline, subdivide • Compare, differentiate, discriminate, distinguish	• Analyze power needs and appraise scale of Orst technology appropriate to demand. • Categorize types of configurations appropriate to automotive needs. • Distinguish each step in the engineering model.

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Synthesis	Behaviors or responses representing the combining of elements of complex material into an integrated whole. It may be useful to think of synthesis as creative behavior in which individuals bring together related components to form a new form. Custom versions of training representing the synthesis of an analysis of a problem.	• Plan • Create • Construct • Rearrange	• Plan, propose • Compose, create, design, formulate, generate • Assemble, build, construct, organize, synthesize • Rearrange, rebuild, reconstruct, reorganize, revise, rewrite	• Propose a solution to the problem of collecting and analyzing error data. • Formulate a business case for justifying conversion to Orst-based hybrid vehicle. • Build a prototype of a 250 HP Orst motor with regenerative stop. • Rewrite the Orst training modules into small reusable models.
Evaluation	Behaviors or responses representing judgments about the value, accuracy, or effectiveness of people, places, things, ideas, methods, and other aspects of a situation. Evaluation involves using criteria or standards to appraise things.	• Assess • Evaluation • Defend	• Audit, assess, rate, score • Appraise, critique, evaluate, value • Argue, defend, justify	• Rate the instructor's knowledge of the subject matter. • Evaluate the design of the course. • Defend your conclusions about the failures of past designs for stepper motors.

Bloom's Taxonomy for Orst

... sample template for Affective Domain
A complex hierarchy of the attitudes, values, or emotions involved in learning.

LEVEL	MEANING	BEHAVIOR OR RESPONSE GROUP	COMMON VERBS	EXAMPLES
Receiving	Behaviors or responses representing the awareness of the learner about the climate of a situation, phenomenon, or state-of-affairs and the willingness to receive information.	• Attending or awareness • Willingness to listen	• Attends, follows, points to, selects • Listens to, chooses to, pays attention to, shows interest in	• Follows trends in global warming solutions. • Chooses to read articles on alternative energy technologies.
Responding	Behaviors or responses representing participation, responsiveness, and motivation in reacting to people, situations, phenomena, or states-of-affairs.	• Participation • Responsiveness	• Greets, performs, practices, presents, recites • Answers, assists, aids, responds to	• Responds professionally to customer inquiries • Answers questions posed by community activists
Valuing	Behaviors or responses representing the worth or value the person attaches to a situation, phenomena, or state-of-affair. It may be useful to think of valuing as compliance, willingness, or motivation (satisfaction) in responding.	• Belief or attitude • Values	• Believes, follows, accepts the need for, demonstrate acceptance of • Appreciates, embraces, values, shows respect	• Follows rules for disclosure under an NDA. • Respects the viewpoints of skeptics.
Organization	Behaviors or responses representing the process of internalizing values, organizing them into a system, and applying relevant ones to new situations. It may be useful to think of those behaviors and responses in which learners prioritize attitudes and values, resolve conflicting priorities, and create unique value systems.	• Prioritizes • Resolves • Creates	• Arranges, orders, organizes, relates, prioritizes • Defends, explains, resolves • Creates, formulates, integrates, synthesizes	• Organizes work assignments, matching expertise with tasks. • Resolves project priorities. • Creates a systematic plan that resolves business problems.

Bloom's Taxonomy for Orst

LEVEL	MEANING	BEHAVIOR OR RESPONSE GROUP	COMMON VERBS	EXAMPLES
Characterization	Behaviors or responses representing the internalization of attitudes and values into a pervasive, consistent, and predictable pattern. It may be helpful to think of this as "philosophy" in which learner beliefs, ideas, attitudes, and values are integrated.	• Practices	• Performs, practices, displays, shows, serves	• Performs engineering duties predictably and professionally. • Puts into practice corporate values. • Displays a commitment to providing economic opportunity.

Bloom's Taxonomy for Orst

... sample template for Psychomotor Domain
A hierarchy of physical or motor skills that requires neuromuscular coordination to perform an activity.

LEVEL	MEANING	BEHAVIOR OR RESPONSE GROUP	COMMON VERBS	EXAMPLES
Perception	Represents the ability to use sensory cues to guide motor activity.	• Sensory cues used in psychomotor behavior and skills	• Detects, follows	• Detects when an Orst motor is in rotation. • Follows changing tachometer display readouts.
Set	Represents participant readiness to perform an action.	• Readiness to act and perform psychomotor behavior and skills	• Acts, performs, shows, steps through	• Readies manual rotation of motor. • Steps through testing procedure checklist.
Guided Response	Represents participant imitation and trial and error in which an instructor evaluates or judges the performance or the performance is judged according to a set of established criteria.	• Guided performance and practice of psychomotor behavior and skills	• Acts, demonstrates, executes, performs, shows, steps through	• Shows the use of a temperature probe. • Demonstrates use of a Hall sensor to detect external flux.
Mechanism	Represents habitual, confident, or proficient psychomotor behaviors.	• Proficient psychomotor behavior and skills	• Acts, assembles, builds, calibrates, constructs, dismantles, demonstrates, draws, fixes, manipulates, paints, performs, shows, sketches	• Calibrate a laser tachometer. • Construct an Excel chart from data. • Draw an Orst configuration using SketchUp.
Complex Overt	Represents skillful psychomotor performance of complex psychomotor behaviors.	• Skillful psychomotor behavior and skills	• Acts, assembles, builds, calibrates, constructs, dismantles, demonstrates, draws, fixes, manipulates, paints, performs, shows, sketches (same verbs as mechanism but with adverbs)	• Successfully mills profile of a rotor. • "Mouse" through a training module. • Accurately draws an Orst configuration. • Carefully measures a stator angle.

Bloom's Taxonomy for Orst

LEVEL	MEANING	BEHAVIOR OR RESPONSE GROUP	COMMON VERBS	EXAMPLES
Adaption	Represents highly developed psychomotor skills in which individuals can modify patterns of movement to fit the challenges of a special requirement or situation.	• Highly developed and adaptable psychomotor behavior	• Adapts, alters, changes, develops, modifies, revises, varies	• Varies steps in stator adjustment to respond to new gap angles.
Origination	Represents highly developed psychomotor skills in which individuals can create or invent new patterns of movement to meet the challenges of a new situation.	• Highly developed and inventive psychomotor behavior and skills	• Construct, create, develop, originate	• Construct a new rotor configuration