

Roles, Process Verbs, and Products from Bloom's Taxonomy of the Cognitive Domain

Taxonomy Level	Teacher Roles	Student Roles	Process Verbs				Products	
<i>Knowledge</i> Remembering, recalling, or recognizing of previously learned material or specific information	<ul style="list-style-type: none"> • Directs • Tells • Shows • Examines • Questions • Evaluates 	<ul style="list-style-type: none"> • Responds • Absorbs • Remembers • Recognizes • Memorizes • Passive recipient 	Enumerate Select Describe Identify Outline State Recollect Reproduce	Define Name Record Match Select Underline Cite Sort	Repeat Label Recall Locate Group Recite Choose List	Memorize Relate Show Quote Distinguish Give example of	Quiz Definition Fact Worksheet Workbook	Label List Test Reproduction
<i>Comprehension</i> Grasping the meaning of material or an understanding of information given	<ul style="list-style-type: none"> • Demonstrates • Listens • Questions • Compares • Contrasts • Examines 	<ul style="list-style-type: none"> • Explains • Translates • Demonstrates • Interprets • Defines • Restates • Active participant 	Associate Illustrate Decode Distinguish Recognize Estimate Extend Solve Write Define	Restate Paraphrase Retell Research Convert Annotate Describe Report Recognize	Discuss Review Observe Locate Outline Account for Explain Tell Change	Summarize List Identify Calculate Expand upon Give main idea Give example of	Recitation Summary Definition Quiz List Test Label Outline	Example Reproduction Collection Explanation Dramatization Show and tell Story problem

<p><i>Application</i></p> <p>Using learned material, methods, concepts, principles and theories in new and concrete situations</p>	<ul style="list-style-type: none"> • Shows • Facilitates • Observes • Evaluates • Organizes • Questions 	<ul style="list-style-type: none"> • Applies • Transfers • Solves problems • Demonstrates use of knowledge • Constructs • Active Participant 	<p>Discover Transfer Locate Modify Predict Produce Relate Develop Manipulate Organize Practice</p>	<p>Teach Manipulate Exhibit Illustrate Calculate Sketch Interpret Prepare Make Experiment</p>	<p>Apply Adapt Operate Interview Paint Change Record Translate Compute Sequence</p>	<p>Employ Show Solve Schedule Collect Demonstrate Dramatize Construct Use List</p>	<p>Prediction Scrapbook Photograph Illustration Drawing Diary Report Simulation Sculpture Experiment Interview</p>	<p>Puzzle Diorama Poster Diagram Lesson Demonstration Performance Presentation Model Journal Map</p>
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<p><i>Analysis</i></p> <p>Breaking information down into its constituent parts or elements so that it may be understood</p>	<ul style="list-style-type: none"> • Probes • Guides • Evaluates • Acts as a resource • Questions • Organizes • Dissects 	<ul style="list-style-type: none"> • Discusses • Uncovers • Lists • Organizes • Compares • Constrasts • Classifies • Analyzes • Active Participant 	Select	Distinguish	Calculate	Test	Diagram	Chart
			Determine	Question	Solve	Analyze	Investigation	Outline
			Assess	Research	Sequence	Discriminate	Graph	List
			Break down	Appraise	Interpret	Diagram	Conclusion	Plan
			Define	Experiment	Compare	Contrast	Category	Summar
			Identify	Inspect	Inventory	Relate	Questionnaire	Survey
			Illustrate	Examine	Scrutinize	Dissect	Illustration	Databas
			Infer	Probe	Discover	Categorize	Inventory	Mobile
			Outline	Separate	Survey	Point out	Spreadsheet	Abstrac
			Select	Inquire	Detect	Classify	Checklist	Report
			Subdivide	Arrange	Group	Organize		
			Differentiate	Investigate	Order	Deduce		
				Sift	Sort			
<p><i>Synthesis</i></p> <p>Putting together constituent parts or elements to form a new whole requiring original, creative thinking</p>	<ul style="list-style-type: none"> • Reflects • Extends • Analyzes • Evaluates 	<ul style="list-style-type: none"> • Discusses • Generalizes • Relates • Compares • Contrasts • Assembles • Generates • Constructs • Abstracts • Active Participant 	Establish	Compose	Propose	Formulate	Film	Poem
			Transfer	Assemble	Construct	Set Up	Story	Formula
			Categorize	Manage	Revise	Design	Blueprint	Machin
			Construct	Pretend	Collect	Blend	Plan	Goal
			Explain	Arrange	Prepare	Create	Solution	Play
			Interpret	Organize	Develop	Produce	New Game	Cartoon
			Rearrange	Plan	Originate	Hypothesize	Song	Inventic
			Reconstruct	Generalize	Imagine	Conceive	Pantomime	Painting
			Relate	Systematize	Generate	Infer	Newspaper	Radio
			Rewrite	Show	Predict	Act	Advertisement	Event
			Summarize	Compile	Combine	Improve	Hypercard Stack	Collage
			Invent	Forecast	Write	Role Play	Media Production	Video
			Reorganize	Modify	Suppose		Re-enactment	Design
			Make	Devise	Appraises			
<p><i>Evaluation</i></p> <p>Judging the values of ideas, materials, and methods for a given purpose by developing and applying standards and criteria</p>	<ul style="list-style-type: none"> • Clarifies • Accepts • Harmonizes • Guides 	<ul style="list-style-type: none"> • Judges • Interprets • Justifies • Recommends • Disputes • Develops • Active Participant 	Resolve	Judge	Evaluate	Appraise	Investigation	Judgme
			Describe	Rate	Compare	Value	Opinion	Report
			Explain	Validate	Defend	Probe	Survey	Editoria
			Ascertain	Predict	Select	Tell why	Debate	Scale
			Interpret	Assess	Measure	Decide	Conclusion	Evaluat
			Contrast	Score	Choose	Estimate	Editorial cartoon	Review
			Relate	Revise	Conclude	Criticize	Recommendation	Verdict
			Summarize	Infer	Deduce	Rank	Critique	Panel
			Argue	Referee	Debate	Award		
			Recommend	Determine	Justify	Support		
			Use criteria	Prioritize	Discriminate	Reject		

