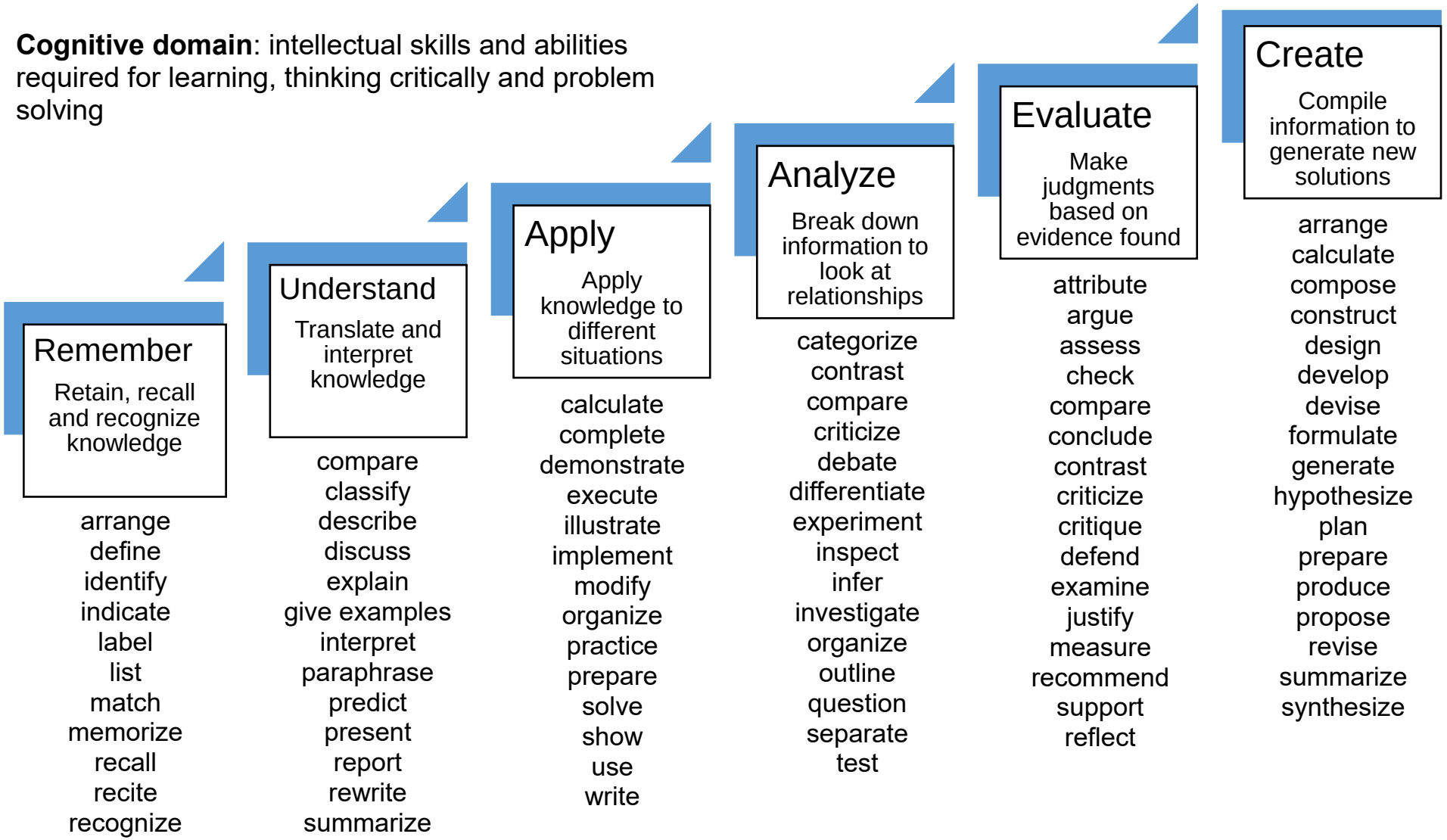
Bloom's Taxonomy: Cognitive Domain

Cognitive domain: intellectual skills and abilities required for learning, thinking critically and problem solving



Developed by the Centre for Teaching Excellence, University of Waterloo

References: Anderson, L., & Krathwohl, D. A. (2001). *Taxonomy for learning, teaching and assessing: A revision of Bloom's Taxonomy of Educational Objectives*. New York: Longman.
IUPUI Center of Teaching and Learning. (2006). Bloom's Taxonomy "Revised" Key Words, Model Questions, & Instructional Strategies. Retrieved from: www.center.iupui.edu/ctl/idd/docs/Bloom_revised021.doc

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	Remember	Understand	Apply	Analyze	Evaluate	Create
Learning Activities	• Flashcards • Highlight key words • List • Memory activities • Reading materials • Watching presentations and videos	• Case studies • Concept map • Demonstrations • Diagrams • Flowcharts • Group discussions • Mind map • Matrix activity • Play/sketches • Summarize • Think-pair-share	• Calculate • Case studies • Concept map • Creating examples • Demonstrations • Flipped classroom • Gallery walk • Gamification • Group work • Lab experiments • Map • Problem-solving tasks • Short answers • Role play	• Case studies • Compare and contrast (with charts, tables, Venn diagrams) • Concept map • Debates • Discussions • Flowchart • Graph • Group investigation • Mind map • Questionnaires • Report/survey • Think-pair-share	• Debates • Compare and contrast (with charts, tables, Venn diagrams) • Concept map • Journal • Pros and cons list • Mind map • Review paper	• Brainstorm • Decision-making tasks • Develop and describe new solutions or plans • Design project • Performances • Presentations • Research projects • Written assignment
	• Clicker questions • Fill in the blanks • Label • Match • Multiple choice • Quizzes • True and false questions	• Concept map • Create a summary • Essay • Diagrams • Infographics • Matrix activity • One-minute paper • Presentation • Provide examples • Quizzes • Short answers	• Discussion board post • E-portfolio • Lab reports • One-minute paper • Presentation • Problem-solving tasks • Short answers	• Analysis paper • Case study • Evaluation criteria • Critique hypothesis, procedures etc. • Muddiest point • One-minute paper • Research paper • Review paper	• Argumentative or persuasive essay • Debates • Discussions • Presentation • Provide alternative solutions • Report	• Develop criteria to evaluate product or solution • Grant proposal • Outline alternative solutions • Research proposal

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