



# WHAT EXACTLY IS DEPTH OF KNOWLEDGE?

LEVEL	DEPTH OF KNOWLEDGE	COGNITIVE DEMAND	DOK DESCRIPTOR	LEARNING EXPECTATION	LEARNING EXPERIENCE	BIG IDEA	GOOD QUESTION	STUDENT CENTERED
DOK-1	Recall and Reproduction	Low	<i>recall</i> <i>recall and restate</i> <i>recall and reproduce</i>	Requires students to recall details, basic facts, procedures, terms.  Responses are correct or incorrect.  No deeper explanation, interpretation, or justification demanded.	Knowledge Acquisition	<i>Just the facts.</i> <i>Just do it.</i>	<i>What is the knowledge?</i> <i>What do you know and understand?</i>	<i>Read, Research, Retrieve and Report</i>
	Concepts and Skills Basic Reasoning	Moderate	<i>apply knowledge, concepts, skills</i> <i>use information and basic reasoning</i>	Challenges students to demonstrate and communicate how can the knowledge be used to answer questions, address problems, accomplish tasks, or analyze texts and topics.  Responses are attained and explained.	Knowledge Application	<i>Show and Tell</i>	<i>How can the knowledge be used?</i> <i>How can you use the knowledge?</i>	<i>Examine and Explain</i>
DOK-3	Strategic Thinking Complex Reasoning	High	<i>think strategically</i> <i>use complex reasoning supported by evidence</i>	Engages students to think deeply and express and share how and why knowledge could be used to examine and explain answers, arguments, claims, conclusions, decisions, hypotheses, ideas, outcomes, reasons, relationships, results, or solutions.  Responses are defended, explained, justified, and supported – or refuted.	Knowledge Analysis	<i>Defend, Explain, Justify, and Support -- or Refute.</i>	<i>How and why could the knowledge be used?</i> <i>How could you use the knowledge?</i>	<i>Investigate, Inquire, or Imagine</i>
	Extended Thinking		<i>think extensively</i>	Encourages students to think critically and creatively how they could transfer, use, and share knowledge in different contexts and new situations deep within a subject area, across the curriculum, beyond the classroom, and over an extended period of time.	Knowledge Augmentation	<i>Go Beyond</i>	<i>What else could be done with the knowledge?</i> <i>What could you do with the knowledge?</i>	<i>Design or Develop</i>