

EXAMPLES OF DEPTH OF KNOWLEDGE IN THE CLASSROOM

Content Area	DOK Level 1	DOK Level 2	DOK Level 3	DOK Level 4
Elementary Language Arts	Sort know words a quickly as possible.	Find words in text that illustrate a defined pattern. (Word Hunt)	Create an open sort and define the rule and explain.	Illustrate through authentic writing stability in pattern and content of identified stage.
Elementary Mathematics	Collect data on the number of teeth lost by students in a 2nd grade classroom.	Organize these data using a graph or chart. (e.g. a line plot)	Using the graph, predict how many teeth would be lost by all the 2nd grade classes in the schools and justify your answer.	Come up with a model to estimate how many teeth are lost by 2nd grade students in the United States in one year. Include the type of data you would need to collect and explain how your model works.
Elementary Interdisciplinary	List the ingredients of a peanut butter and jelly sandwich.	Collect the ingredients for a peanut butter and jelly sandwich and write the recipe.	Investigate how many people are coming to dinner and formulate the appropriate amounts of ingredients for 8 people.	Design a plan to feed the entire class using the following information: one jar of peanut butter makes 10 sandwiches, one jar of jelly serves 8, and one loaf of bread contains 18 slices.
Middle School Science	Define the following terms: electrical generator, electrical motor, magnetic field, and electrical current.	Compare and contrast how an electrical motor operates to how an electrical generator operates.	Design and conduct and experiment to demonstrate that electrical currents produce magnetic forces.	Research and design a system to lift heavy objects using the conversion of electrical energy to mechanical energy. Build a prototype of the system using materials found in the classroom
U.S. History	Name the U.S. presidents in order.	Using the left and right political continuum, categorize the presidents of the 20th and 21st centuries according to their political standing.	Hypothesize how Dwight D. Eisenhower would react to today's world political situation.	Analyze the strategies and effectiveness of George H. W. Bush's war strategies in the Persian Gulf with the war strategies of George W. Bush in Iraq.