
Arthur Costa's Levels

Arthur Costa's Model of Intellectual Functioning in Three Levels
from *Developing Minds: A Resource Book for Teaching Thinking*

Level 1:	defining	Ex. What is the definition of "lunar eclipse"? (definition)
	describing	Ex. How can we express the equation $2x(4 - 5y) + 3y = 26$ in 3 ways? (list)
	identifying	Ex. Which states seceded from the Union to form the Confederacy? (identification)
	listing	Ex. How does "The Road Not Taken" (Frost) begin? (reciting)
Level 2:	naming	
	observing	
	reciting	
	scanning	
Level 2:	analyzing	Ex. In "Native Son," how does Bigger Thomas' violence against his gang members reveal a deeply-rooted insecurity & fear of people? (analysis)
	comparing	Ex. In "The Bet" (Chekov) how do the lawyer & the banker differ in their attitudes toward capital punishment? (contrast)
	contrasting	Ex. How does the term "manifest destiny" capture the essence of Western expansion in the United States? (synthesis)
	grouping	Ex. If the moon is full August 17, July 18, and June 19, when will it be full in April? (inference)
Level 3:	inferring	
	sequencing	
	synthesizing	
	applying	Ex. Using the principle of communicative property, how can we find out the number of apple trees in an orchard having 15 rows, 5 trees in each row? (application of a principle)
Level 3:	a principle	
	evaluating	Ex. Which of the characters in "Great Expectations" suffered the most? (judgement)
	hypothesizing	Ex. In "The Catcher in the Rye," how might Phoebe, years later, describe Holden to her children? (speculation)
Level 3:	imagining	
	judging	
Level 3:	predicting	
	speculating	