

COSTA'S LEVELS OF QUESTIONS

Level One questions cause students to recall information. This level of question causes students to input the data into short-term memory, but if they don't use it in some meaningful way, they may soon forget.

Complete Count Match Name Define Recall

Observe Recite Describe List Identify

Level Two questions enable students to process information. They expect students to make sense of information they have gathered and retrieved from long- and short-term memory.

Analyze Categorize Explain Classify Compare

Contrast Infer Organize Sequence

Level Three questions require students to go beyond the concepts or principles they have learned and to use these in novel or hypothetical situations.

Imagine Plan Evaluate Judge Predict Extrapolate

Invent Speculate Generalize

EXAMPLES OF COSTA'S LEVELS OF QUESTIONS

TOPIC	LEVEL ONE (complete, count, match, name, define, observe, recite, describe, list, identify, recall)	LEVEL TWO (analyze, categorize, explain, classify, compare, contrast, infer, organize, sequence)	LEVEL THREE (imagine, plan, evaluate, judge, predict, extrapolate, invent, speculate, generalize)
Science	What is a gene? What is a chromosome?	Compare and contrast genes and chromosomes.	Use what you know about genes and chromosomes to predict a trait in a child.
Spanish	Conjugate the Spanish verb "ser" in the preterit and imperfect tenses.	Elaborate on the similarities and differences of the preterit and imperfect tenses in the Spanish language.	Imagine a time in your life a year ago, and make up a sentence about it using both the preterit and imperfect tenses.
Mathematics	Evaluate this expression: $3x^2$ if $x=4$.	When, if ever, can $x^2 = 2x$?	Prove whether or not the operation $[Y]$ is commutative given that $a[Y]b = a^2 - b$
History	Which amendment in the Constitution gives citizens the right to bear arms?	Compare and contrast societal conditions in the US that impacted the inclusion of the second amendment in the US Constitution with conditions today.	If there were a Constitutional amendment that prohibited ownership of weapons by citizens, how might American society be affected?