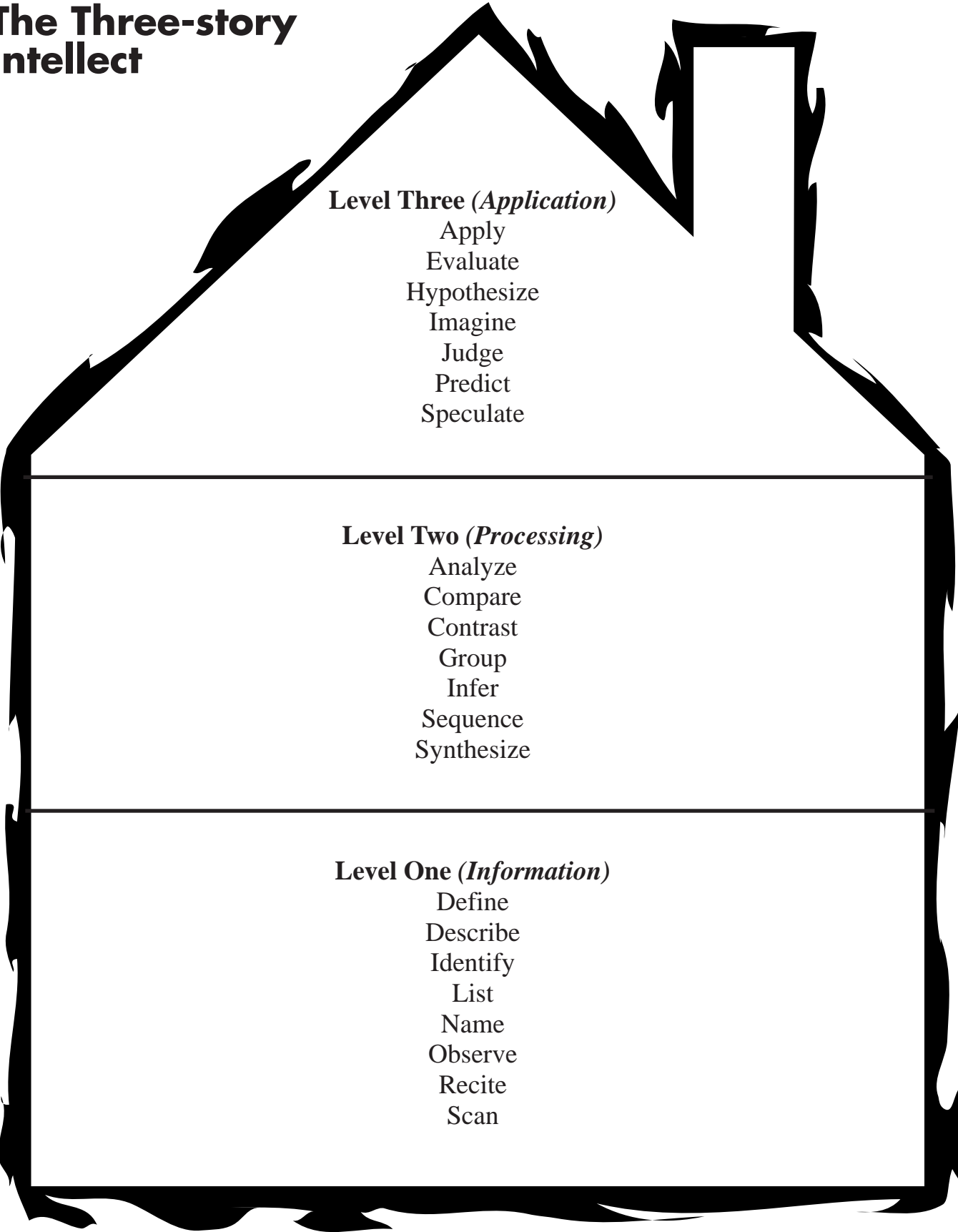


The Three-story Intellect



Level Three (*Application*)

Apply
Evaluate
Hypothesize
Imagine
Judge
Predict
Speculate

Level Two (*Processing*)

Analyze
Compare
Contrast
Group
Infer
Sequence
Synthesize

Level One (*Information*)

Define
Describe
Identify
List
Name
Observe
Recite
Scan

Reinforcing Inquiry through Collaboration

Level 1 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.

Level 2 questions enable students to process information. They expect students to make sense of information they have gathered and retrieve from long- and short-term memory.

Level 3 questions require students to go beyond the concepts or principles they have learned and to use these in novel or hypothetical situations.

TOPIC	<u>Level 1</u> (complete, count, match, name, define, observe, recite, describe, list, identify, recall)	<u>Level 2</u> (analyze, categorize, explain, classify, compare, contrast, infer, organize, sequence)	<u>Level 3</u> (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 present tense.	Elaborate on the similarities and differences of the preterite and past tenses in the Spanish language.	"Invent" a new Spanish regular "ar" ending verb. Use it in 6 sentences, using different tenses and persons.
Mathematics	Evaluate this expression: $3x^2$ if $x = 4$.	When, if ever, can $x^2 = 2x$	Prove whether or not the operation \oplus , is commutative, given that $a \oplus b = a^2 - b$
History	Which amendment in the US 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?
English	In the book, <u>The Giver</u> , what did Jonas' mom do for a living?	Use examples for the book to elaborate on the theme of balancing freedom and security.	Speculate as to how your community would change if some of the societal controls embraced by the members of Jonas' community in the book, <u>The Giver</u> , were embraced within your community.