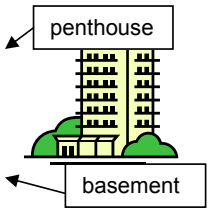
A Three Story Intellect!

ground floor



BLOOM'S TAXONOMY and Costa's Levels of Questioning

The Student will…

Knowledge (Remembering)	**Comprehension (Understanding)**	**Application (Applying)**	**Analysis (Analyzing)**	**Synthesis (Creating)**	**Evaluation (Evaluating)**
Learn specific facts, ideas, vocabulary; remembering/recalling information or specific facts.	Ability to grasp the meaning of material; communicate knowledge; understanding information without relating it to other material.	Ability to use learned material in new and concrete situations; use learned knowledge and interpret previous situations.	Ability to break down material into its component parts and perceive interrelationships.	Ability to put parts together to form a new whole; use elements in new patterns and relationships.	Ability to judge the value of material (statement, novel, poem, report, etc.) for a given purpose; judgment is based on given criteria.
Introduction of knowledge		***Practice knowledge learned***		***Demonstrates mastery of knowledge learned***	
Level One—the basement		***Level Two— the ground floor***		***Level Three—the penthouse***	
By doing the following…		***By doing the following…***		***By doing the following…***	
collect, copy, define, describe, examine, find, group, identify, indicate, label, list, locate, match, name, omit, observe, point, provide, quote, read, recall, recite, recognize, repeat, reproduce, say, select, sort, spell, state, tabulate, tell, touch, underline, who, when, where, what	alter, associate calculate, categorize, change, communicate, convert, distinguish, expand, explain, inform, name alternatives, outline, paraphrase, rearrange, reconstruct, relate, restate (own words), summarize, tell the meaning of, translate, understand, verbalize, write	acquire, adopt, apply, assemble, capitalize, construct, consume, demonstrate, develop, discuss, experiment, formulate, manipulate, organize, relate, report, search, show, solve novel problems, tell consequences, try, use, utilize	analyze, arrange, break down, categorize, classify, compare, contrast, deduce, determine, diagram, differentiate, discuss causes, dissect, distinguish, give reasons, order, separate, sequence, survey, take apart, test for, why	alter, build, combine, compose, construct, create, develop, estimate, form a new , generate, hypothesize, imagine, improve, infer, invent, modify, plan, predict, produce, propose, reorganize, rewrite, revise, simplify, synthesize	appraise, argue, assess, challenge, choose, conclude, criticize, critique, debate, decide, defend, discriminate, discuss, document, draw conclusions, editorialize, evaluate, grade, interpret, judge, justify, prioritize, rank, rate, recommend, reject, support, validate, weigh

Knowledge—Level 1A (Remembering)	***Comprehension—Level 1B*** (Understanding)	***Application—Level 2A*** (Applying)	***Analysis—Level 2B*** (Analyzing)	***Synthesis—Level 3A*** (Creating)	***Evaluation—Level 3B*** (Evaluating)
Skills Demonstrated: • Observation and recall of information • Knowledge of dates, events, places • Knowledge of major ideas • Master of subject matter	Skills Demonstrated: • Understanding information • Grasp meaning • Translate knowledge into new context • Interpret facts, compare, contrast • Order, group, infer causes • Predict consequences	Skills Demonstrated: • Use information • Use methods, concepts, theories in new situations • Solve problems using required skills or knowledge	Skills Demonstrated: • Seeing patterns • Organization of parts • Recognition of hidden meanings • Identification of components	Skills Demonstrated: • Use old ideas to create new ones • Generalize from given facts • Relate knowledge from several areas • Predict, draw conclusions	Skills Demonstrated: • Compare and discriminate between ideas • Assess value of theories, presentations • Make choices based on reasoned argument
What is ? How is ? Where is ? When did ____ happen? How did _____? Why did ? How would you describe ? When did ? Can you recall ? How would you show ? Can you select ? Who were the main...? Can you list three ? Which one ? Who was ?	How would you classify the type of ? How would you compare/contrast ? Will you state or interpret in your own words ? How would you rephrase the meaning ? What facts or ideas show ? What is the main idea of ? Which statements support ? Can you explain what is happening what is meant ? What can you say about ? Which is the best answer ? How would you summarize ?	How would you use ? What examples can you find to ? How would you solve_____using what you have learned ? How would you organize _____to show ? How would you show your understanding ? What approach would you use to ? How would you apply what you learned to develop ? What other way would you plan to ? What would result if ? Can you make use of the facts to ? What elements would you choose to change ? What facts would you select to show ? What questions would you ask in an interview with ?	What are the parts of ? How is_____related to ? Why do you think ? What is the theme ? What motive is there ? Can you list the parts ? What inference can you make ? What conclusions can you draw ? How would you classify ? How would you categorize ? Can you identify the different parts ? What evidence can you find ? What is the relationship between ? Can you make a distinction between ? What is the function of ? What ideas justify ? How would you estimate the results for ? What facts can you compile ? Can you construct a model that would change ? Can you think of an original way for the ?	Do you agree with the actions ? with the outcomes .? What is your opinion of ? How would you prove ? Disprove ? Can you assess the value or importance of ? Would it be better if ? Why did they (the character) choose ? What would you recommend ? How would you rate the ? What would you cite to defend the actions ? How would you evaluate ? How could you determine ? What choice would you have?	Do you agree with the actions ? With the outcomes ? What is your opinion of ? How would you prove ? Disprove ? Can you assess the value or importance of ? Would it be better if ? Why did they (the character) choose ? What would you recommend ? How would you evaluate ? How could you determine ? What choice would you have made ? What would you select ? How would you prioritize ? What judgment would you make about ? Based on what you know, how would you explain ? What information would you use to support the view ? How would you justify ? What data was used to make the conclusion ? Why was it better that ? How would you prioritize the facts ? How would you compare the ideas ?