

LEVEL ON BLOOM'S TAXONOMY	
	Sub level <ul style="list-style-type: none"> • Learning Outcome

Remembering	Recognizing (locating knowledge in memory that is consistent with presented material) <ul style="list-style-type: none"> • Match the following elements to the following atomic weights. • Of the three prime ministers named below, select the one who is most associated with promoting deficit financing. • Of the theories listed below, identify the ones that were influenced by poststructuralism. • Identify the location of the PI controller in the following block diagram.
	Recalling (retrieving relevant knowledge from long-term memory) <ul style="list-style-type: none"> • Locate the following acidified lakes on this map. • In less than 50 words, describe what happens in Act 2 Scene 1. • List the molecules in the stratosphere that protect against ultraviolet radiation? • List the composition, structure, fusion process, and features of the following stars. • In approximately 300 words, describe the hydrologic cycle

Understanding	Interpreting (changing from one form of representation to another) <ul style="list-style-type: none"> • Plot the following meteorological data onto a bar graph. • Render Shakespeare's Sonnet 44 into contemporary English. • Examine the following snippet of C++ code and describe the function that both the loop and if/then statements are satisfying in this program.
	Exemplifying (Finding a specific example or illustration of a concept or principle) <ul style="list-style-type: none"> • Give three examples of effective political alliances. • Give an example of cognate words. • Using Frye's taxonomy of fictional modes, provide literary examples of each of the following: myth, romance, high mimesis, low mimesis, and irony. • Present a cellular process that relies on cell signaling.
	Classifying (Determining that something belongs to a category) <ul style="list-style-type: none"> • Identify which of the following elements are metals and which are non-metals. • According to Showalter's taxonomy of female authorship, which of the following novels belong to the Feminine era? • Examine the following circuit diagrams and select the ones that utilize a "series" design
	Summarizing (Rendering into a briefer form) <ul style="list-style-type: none"> • Summarize <i>Hamlet</i> in less than 200 words. • Write a 100-word abstract of the following journal article. • In 800 words or less, describe how geologic, climatic, and floral events shaped the evolution of animals for the Precambrian, Paleozoic, Mesozoic, and Cenozoic eras. • Provide a 4-6 sentence description of "ecological interface design."
	Inferring (Abstracting a general theme or major point) <ul style="list-style-type: none"> • In a brief paragraph, describe what would happen if the support beams in this structure were aluminum rather than steel? • What does Othello mean when he says that he loved "not wisely, but too well?" • Judging from this survey's results, are people satisfied with the current leadership? Prepare a response that you can verbally present to the class. • Examine the data collected from the task analysis and determine the major patterns that emerge from the information.
	Comparing (Detecting correspondences between two or more ideas, objects, etc.) <ul style="list-style-type: none"> • Which country retains more of its colonial heritage, Canada or Australia? Provide evidence for your answer in a three-page essay. • What are the key differences between the Mississippi river and the Amazon river? Render your response as a one-page chart. • In approximately 300 words, explain the difference between weathering and erosion?

	<ul style="list-style-type: none"> • In a five-page essay, compare the performance of Company A and Company B given the financial statements provided. • In a five-minute class presentation, compare and contrast the signaling of data changes using in-band techniques vs. the signaling of data changes using out-of-band techniques. • Compare self-enhancement and self-verification theories. • In a 300-word response, explain how social psychology and folk wisdom differ.
	<p>Explaining (Constructing a cause-and-effect model of a system or situation)</p> <ul style="list-style-type: none"> • Why did the U.S. not enter World War Two until after Pearl Harbor had been attacked? Explain your perspective in a three-page essay. • Explain how these different local winds originate: land-sea breezes, mountain-valley breezes, katabatic winds, and regional monsoons. • Explain the stages of the Core-Periphery model of development in an urban system • In a presentation that you will make to your group, explain how paracentric inversion affects the products of meiosis? • Explain what an action potential is and how it is created. Your response should be roughly 200 words in length.

Applying	<p>Executing (Applying knowledge – often procedural – to a routine task)</p> <ul style="list-style-type: none"> • Prepare a 1 M solution of hydrochloric acid. • Propose a way of correcting the following comma splice. • Wrap the patient’s ankle to prevent further injury. • Identify possible promoter areas in the DNA sequence presented below. • A system is composed of gasoline liquid and vapor, and air. According to Gibbs phase rule, how many independent properties are required for phase equilibrium? • Determine and record the subject’s systolic and diastolic blood pressure at rest and during exercise.
	<p>Implementing (Applying knowledge – often procedural – to a non-routine task)</p> <ul style="list-style-type: none"> • Audit the attached financial records. • Edit the following paragraph for errors of grammar or punctuation. • Identify and implement the appropriate treatment to remedy this patient’s lower back problem. • Calculate your CO2 emissions from your regular travel over the course of a year

Analyzing	<p>Differentiating (Identifying defining characteristics)</p> <ul style="list-style-type: none"> • Identify which steps are most essential in the following procedure. • Do the following stars belong to the same class? • Is a platypus a mammal, reptile, amphibian, or bird? • Is the <i>Merchant of Venice</i> a comedy or tragedy? Explain why.
	<p>Organizing (Determining how elements fit or function within a structure)</p> <ul style="list-style-type: none"> • Create a concept map that demonstrates how the people in this corporation report to one another. • Draw a Venn diagram to show how these groups overlap. • Devise a system of categories to logically organize the following forms of criminal behavior. • Draw a cladogram to depict the evolutionary relationship between modern birds and archaeosaurs. • In order to explore a trend within the periodic table, plot the bond length of the group IIA metals (Be to Ba) as function of atomic number.
	<p>Attributing (Determining the underlying point of view, bias, values, or intent)</p> <ul style="list-style-type: none"> • In a one-page response, identify from what political perspective the following article is written. • Is the tone of this column serious or ironic? Give evidence for your decision in a paragraph-long response. • Is <i>To Kill a Mockingbird</i> told from the perspective of a child or adult? • What do Professor Smythe’s comments about string theory imply about his views on where funding for physics should be directed? • Does the following case study advance the scholarly work within Chemical Engineering? • What assumptions are being made that are identified and not identified within this case?

Evaluating	<p>Checking (Detecting inconsistencies or fallacies within a process or product)</p> <ul style="list-style-type: none"> • In what ways does the following sonnet not correspond to the conventional sonnet form? • Observe a classmate as he or she examines a patient’s eyes, and identify any errors or omissions in the procedure. • Verify that this bibliography corresponds to APA format. <p>Critiquing (Detecting the appropriateness of a procedure for a given task or situation)</p> <ul style="list-style-type: none"> • Is this author correct in proposing that the high levels of violence experienced by Aboriginal women are best understood as a product of misogyny rather than racism? • Does the evidence presented in this article support the conclusions reached by the author? • Identify any weaknesses in this experiment’s methodology. • Assess how increasing urban land at the expense of forests and grasslands will impact the a) atmosphere, b) biosphere, c) hydrosphere, and d) lithosphere. • Examine the three proposed Architectural designs for an indoor ecological park and critique the works based on the categories of: aesthetics, structure, function, and suitability.
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Creating	<p>Generating (Coming up with alternatives or hypotheses)</p> <ul style="list-style-type: none"> • Propose an alternative theoretical framework for understanding the high levels of violence that Aboriginal women experience. • With the data you gathered from your field observations, devise a hypothesis that accounts for the geographic distribution of raccoons in Kitchener-Waterloo. • Devise a theory to explain the origin and persistence of the tag “eh” that many Canadians affix to the end of sentences. • Do you agree that PDAs were mistakenly marketed to the masses? Outline an alternative strategy. <p>Planning (Devising a procedure for accomplishing a task)</p> <ul style="list-style-type: none"> • Propose a protocol that will improve the accuracy of patient DNA identification. • Devise a procedure for tracking sightings of raccoons that are reported by the public. • Create a Gant chart outlining the workflow structure, tasks, and deadlines for your Learning Object project. • Devise a protocol for determining when evacuation of a city located at the foot of a large composite volcano should begin. Consider safety versus economic issues in your answer. • Prepare a weighted list of five criteria that can be used to assess the feasibility of potential sites for a new marina. • What is a logical sequence of procedures that you could carry out to identify which genes are expressed in skin cells during exposure to UV radiation. • Design the experimental plan to conduct observational user testing on a piece of software. • Create a plan to prevent and manage stress in your life. <p>Producing (Inventing a product)</p> <ul style="list-style-type: none"> • Write a software program that will accept form-based reports of raccoon sightings, and then render them on an interactive map. • Develop an environmental strategy for a company or organization of your choice. • Create an electronic edition of a little-known sixteenth-century treatise, complete with critical apparatus such as introduction, footnotes, glossary, and so on. • Develop a business plan for the product described in the case study provided. • Create a Learning Object that is designed to help undergraduates understand the process by which a black hole is formed. • Establish the circuit design for the solar energy collector of a large-scale outdoor lighting system. • Clone a wombat.
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