

Higher Order Thinking Skills Question Templates

Recall	
<p>Note: Any question becomes a recall question if the answer has already been explicitly provided to the student in class or in the text.</p> <p>When did _____ take place?</p> <p>List the _____.</p>	<p>Define the term _____.</p> <p>What is a _____?</p> <p>Who did _____?</p> <p>Name _____.</p>
Analysis	
<p>How does _____ work?</p> <p>Sort these _____.</p> <p>Use the table to determine _____.</p> <p>Use the graph to determine _____.</p> <p>Graph _____.</p> <p>What caused _____?</p> <p>What is another possible cause of _____?</p> <p>Outline the _____.</p> <p>Based on the written description, draw a diagram.</p> <p>Draw your own map of _____ without tracing or copying.</p> <p>Use the map to determine _____.</p> <p>In what sequence did _____ happen?</p> <p>Break _____ down into its component parts.</p> <p>Give an example of _____.</p> <p>What literary form is being used?</p> <p>What technique is being used?</p> <p>What information is needed?</p> <p>Is the information relevant?</p> <p>Into what groups can you organize these?</p> <p>Draw a picture that illustrates what's described in the story _____.</p>	<p>What does _____ symbolize?</p> <p>Find examples of [a literary device] in your readings.</p> <p>Analyze the _____ in _____.</p> <p>Classify these _____ according to _____.</p> <p>Separate the _____ from the _____.</p> <p>Translate _____.</p> <p>Analyze how _____.</p> <p>Explain how _____ works.</p> <p>What was the author's point of view?</p> <p>How did the author convey _____?</p> <p>What words does the author use to paint an image of _____ in your mind?</p> <p>How were _____ used to _____?</p> <p>What kind of a _____ is this?</p> <p>Which one doesn't belong in this group?</p> <p>What is the function of _____?</p> <p>What is the purpose of _____?</p> <p>What is the relationship between _____ and _____?</p> <p>What is the pattern?</p> <p>Use manipulatives to illustrate a concept.</p> <p>Build a model of _____.</p> <p>Measure _____.</p>

Comparison

How is _____ like _____ ?
How are _____ and _____ different?
Compare the _____ before and after _____ .
Compare the character _____ at the beginning of the story and at the end.

Distinguish between _____ and _____ .
Compare _____ with _____ .
On what dimensions might you compare _____ and _____ ?
Which one is the biggest/oldest/tallest?

Inference

Hypothesize what will happen if _____ .
Predict what will happen if _____ .
Apply the rule to _____ .
Solve the problem _____ .
Predict how the story _____ will end.
What is the main idea of the story _____ ?
What is the overall theme of _____ ?
What is the moral of the story?
Develop of plan to _____ .
Propose and describe an invention that fills some need.
Write a research paper on _____ .

Based on your readings, what can you conclude about _____ ?
What was the author's point of view?
Solve a logic puzzle.
What if _____ ?
What rule applies here?
What generalization can you make from this information?
Create a _____ .
Design a _____ .
Propose a solution to the problem of _____ .

Evaluation

Was _____ worth the costs? Explain your answer.

Was the argument convincing? What makes you think so?

Did _____ behave appropriately? Why?

What would you have done in this situation? Why?

Write a critique of _____ .

Was this experiment well designed? Defend your answer.

Judge which is the best solution to the problem of _____ ? Why do you think so?

How well are the conclusions supported by the data/ facts/evidence? Explain.

Did _____ choose a wise course of action? Give reasons.

Apply a scoring rubric to this piece of work. Explain why you are assigning each score.

What would you have done in this situation? Why?

Review a book, performance, or exhibit. Justify your evaluation.

Which _____ is the best? Why do you think so?

Whose arguments/evidence was more convincing? Why?

If you were the judge, what would your decision be? Why?

Give and justify your opinion on _____ .

Questioning #2

Bloom's Revised Taxonomy divides the way people learn into three domains. One of these is the cognitive domain which emphasizes intellectual outcomes. This domain is further divided into categories or levels. The key words used and the type of questions asked may aid in the establishment and encouragement of critical thinking, especially in the higher levels.

Level 1: Remembering - exhibits previously learned material by recalling facts, terms, basic concepts and answers.

Key words: who, what, why, when, omit, where, which, choose, find, how, define, label, show, spell, list, match, name, relate, tell, recall, select

Questions:

What is . . . ? How is . . . ?

Where is . . . ? When did _____ happen?

How did _____ happen? How would you explain . . . ?

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 . . . ?

Level 2: Understanding - demonstrating understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions and stating main ideas.

Key words: compare, contrast, demonstrate, interpret, explain, extend, illustrate, infer, outline, relate, rephrase, translate, summarize, show, classify

Questions:

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 . . . ?

Level 3: Applying - solving problems by applying acquired knowledge, facts, techniques and rules in a different way.

Key words: apply, build, choose, construct, develop, interview, make use of, organize, experiment with, plan, select, solve, utilize, model, identify

Questions:

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 of . . . ?

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 . . . ?

Level 4: Analyzing - examining and breaking information into parts by identifying motives or causes; making inferences and finding evidence to support generalizations.

Key words: analyze, categorize, classify, compare, contrast, discover, dissect, divide, examine, inspect, simplify, survey, take part in, test for, distinguish, list, distinction, theme, relationships, function, motive, inference, assumption, conclusion

Questions:

What are the parts or features 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 difference 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 . . . ?

Level 5: Evaluating - presenting and defending opinions by making judgments about information, validity of ideas or quality of work based on a set of criteria.

Key Words: award, choose, conclude, criticize, decide, defend, determine, dispute, evaluate, judge, justify, measure, compare, mark, rate, recommend, rule on, select, agree, interpret, explain, appraise, prioritize, opinion, support, importance, criteria, prove, disprove, assess, influence, perceive, value, estimate, influence, deduct

Questions:

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 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 . . . ? people . . . ?

Level 6: Creating - compiling information together in a different way by combining elements in a new pattern or proposing alternative solutions.

Key Words: build, choose, combine, compile, compose, construct, create, design, develop, estimate, formulate, imagine, invent, make up, originate, plan, predict, propose, solve, solution, suppose, discuss, modify, change, original, improve, adapt, minimize, maximize, delete, theorize, elaborate, test, improve, happen, change

Questions:

What changes would you make to solve . . . ?

How would you improve . . . ?

What would happen if . . . ?

Can you elaborate on the reason . . . ?

Can you propose an alternative . . . ?

Can you invent . . . ?

How would you adapt _____ to create a different . . . ?

How could you change (modify) the plot (plan) . . . ?

What could be done to minimize (maximize) . . . ?

What way would you design . . . ?

What could be combined to improve (change) . . . ?

Suppose you could _____ what would you do . . . ?

How would you test . . . ?

Can you formulate a theory for . . . ?

Can you predict the outcome if . . . ?

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 . . . ?