## Flip Questions for Critical Thinking

Benjamin Bloom's Taxonomy: Improve Thinking Skills at Any Age with the Flip of a Page.





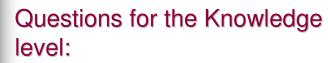
Exhibit memory of previously-learned material by recalling facts, terms, basic concepts and answers.





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





- What is...?
- Where is...?
- How did \_\_\_happen?
- Why did...?
- How would you show...?
- Who were the main..?
- Which one...?
- Who was...?

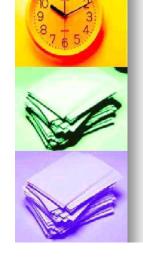
- How is...?
- When did happen?
- How would you explain...?
- How would you describe...?
- Can you recall...?
- Can you select...?
- Can you list the three...?

#### **Comprehension Level**

Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions and stating main ideas.

- Compare
- Extend
- Rephrase
- Contrast
- Translate
- Demonstrate
- Infer

- Interpret
- Outline
- Show
- Explain
- Relate
- Classify
- Summarize





# Questions for the Comprehension level:

- 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...?



#### **Application Level**

Solve problems to new situations by applying acquiring knowledge, facts, techniques and rules in a different way.





- Apply
- Construct
- Make use of
- Plan
- Utilize
- Build
- Develop
- Select

- Model
- Choose
- Interview
- Experiment with
- Solve
- Identify
- Organize



# Questions for the Application level:

- How would you use...?
- What examples can you find to...?
- How would you solve using what you've 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 element would you choose to change...?
- What facts would you select to show...?
- What questions would you ask in an interview with...?



#### **Analysis Level**

Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations.

#### **Key Words**

Simplify

Function

Classify

Discover

Examine

.

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•

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- 10 9 8 7 6 5
- Analyze
- Compare
- Dissect
- Inspect
- Take part in
- List
- Relationships
- Test for •Conclus Distinction •Survey
  - Distinguish
- Assumption •Theme
  - Inference
  - •Categorize
  - •Contrast
  - •Divide
- Motive
   Conclusion







- 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 darw ...?
- How would you classify ...?
- How would you categorize ...? .
- Can you identify the parts ...?
- What evidence can you find ...?
- What is the relationship between ...?
- What is the function of ...? .
- What ideas justify ...?



#### Synthesis Level

Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions.

- •Combine Build Choose . Construct Compose Compile •Develop Create Design Formulate Estimate •Imagine . Make up Originate Invent Propose Plan Predict Suppose Solve Solution •Change Discuss Modify • Adapt Original Improve . Minimize Maximize Delete . Test Theorize Elaborate . Change Improve Happen





#### level:

- 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 the plot...?
- What could be done to minimize (maximize)...?
- What way would you design...?
- What could be combined to improve (change)...?
- How would you test...?
- Can you formulate a theory...
- 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 an original way for the...?



#### **Evaluation Level**

Present and defend opinions by making adjustments about information, validity of ideas or quality of work based on a set of criteria.

<ul> <li>Award</li> </ul>	•	Choose	<ul> <li>Conclude</li> </ul>
Criticize	•	Decide	<ul> <li>Defend</li> </ul>
<ul> <li>Determine</li> </ul>	•	Dispute	<ul> <li>Evaluate</li> </ul>
<ul> <li>Judge</li> </ul>	•	Justify	<ul> <li>Measure</li> </ul>
<ul> <li>Compare</li> </ul>	•	Mark	<ul> <li>Rate</li> </ul>
Recommend	•	Rule on	<ul> <li>Select</li> </ul>
<ul> <li>Agree</li> </ul>	•	Apprise	<ul> <li>Prioritize</li> </ul>
<ul> <li>Opinion</li> </ul>	•	Interpret	<ul> <li>Explain</li> </ul>
<ul> <li>Support</li> </ul>	•	importance	<ul> <li>Criteria</li> </ul>
<ul> <li>Prove</li> </ul>	•	Disprove	<ul> <li>Assess</li> </ul>
<ul> <li>Influence</li> </ul>	•	Perceive	<ul> <li>Value</li> </ul>
<ul> <li>Estimate</li> </ul>	•	Influence	<ul> <li>Deduct</li> </ul>



## Questions for the Evaluation

#### level:

- Do you agree with the actions...? With the outcome...?
- 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 site to defend the actions...?
- How would you evaluate...?
- How would 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 ...?

