

## Costa's Levels of Thinking and Questioning

<i>Content-Specific Question Stems: Math</i>		
<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<ul style="list-style-type: none"> <li>- What information is given?</li> <li>- What are you being asked to find?</li> <li>- What formula would you use in this problem?</li> <li>- What does _____ mean?</li> <li>- What is the formula for...?</li> <li>- List the...</li> <li>- Name the...</li> <li>- Where did...?</li> <li>- What is...?</li> <li>- When did...</li> <li>- Explain the concept of...</li> <li>- Give me an example of...</li> <li>- Describe in your own words what _____ means.</li> <li>- What mathematical concepts does this problem connect to?</li> <li>- Draw a diagram of...</li> <li>- Illustrate how _____ works.</li> </ul>	<ul style="list-style-type: none"> <li>- What additional information is needed to solve this problem?</li> <li>- Can you see other relationships that will help you find this information?</li> <li>- How can you put your data in graphic form?</li> <li>- What occurs when..?</li> <li>- Does it make sense to...?</li> <li>- Compare and contrast _____ to _____</li> <li>- What was important about...</li> <li>- What prior research/formulas support your conclusions?</li> <li>- How else could you account for...?</li> <li>- Explain how you calculate...</li> <li>- What equation can you write to solve the word problem?</li> </ul>	<ul style="list-style-type: none"> <li>- Predict what will happen to _____ as _____ is changed.</li> <li>- Using a math principle, how can we find ...?</li> <li>- Describe the events that might occur if...</li> <li>- Design a scenario for... Pretend you are _____. What would the world be like if...</li> <li>- How can you tell if your answer is reasonable?</li> <li>- What would happen to _____ if _____ variable were increased/decreased?</li> <li>- How would repeated trials affect your data?</li> <li>- What significance is this formula to the subject you're learning?</li> <li>- What type of evidence is most compelling to you?</li> </ul>

## Costa's Levels of Thinking and Questioning

<i>Content-Specific Question Stems: Science</i>		
<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<ul style="list-style-type: none"> <li>- What information is given?</li> <li>- What are you being asked to find?</li> <li>- What formula would you use in this problem?</li> <li>- What does _____ mean?</li> <li>- What is the formula for...?</li> <li>- List the...</li> <li>- Name the...</li> <li>- Where did...?</li> <li>- What is...?</li> <li>- When did...</li> <li>- Describe in your own words what _____ means</li> <li>- What science concepts does this problem connect to?</li> <li>- Draw a diagram of...</li> <li>- Illustrate how _____ works.</li> </ul>	<ul style="list-style-type: none"> <li>- What additional information is needed to solve this problem?</li> <li>- Can you see other relationships that will help you find this information?</li> <li>- How can you put your data in graphic form?</li> <li>- How would you change your procedures to get better results?</li> <li>- What method would you use to...</li> <li>- Compare and contrast _____ to _____</li> <li>- Which errors most affected your results?</li> <li>- What were some sources of variability?</li> <li>- How do your conclusions support your hypothesis?</li> <li>- What prior research/formulas support your conclusions?</li> <li>- How else could you account for...?</li> <li>- Explain the concept of...</li> <li>- Give me an example of...</li> </ul>	<ul style="list-style-type: none"> <li>- Design a lab to show...</li> <li>- Predict what will happen to _____ as _____ is changed</li> <li>- Using a science principle of, how can we find ...?</li> <li>- Describe the events that might occur if...</li> <li>- Design a scenario for...</li> <li>- Pretend you are _____. What would the world be like if...</li> <li>- What would happen to _____ if _____ variable were increased/decreased?</li> <li>- How would repeated trials affect your data?</li> <li>- What significance is this experiment to the subject you're learning?</li> <li>- What type of evidence is most compelling to you?</li> <li>- Do you feel _____ experiment is ethical?</li> <li>- Are your results biased?</li> </ul>

## Costa's Levels of Thinking and Questioning

### *Content-Specific Question Stems: English Language Arts*

<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<ul style="list-style-type: none"> <li>- What information is given?</li> <li>- Locate in the story where...</li> <li>- When did the event take place?</li> <li>- Point to the...</li> <li>- List the...</li> <li>- Name the...</li> <li>- Where did...?</li> <li>- What is...?</li> <li>- Who was/were...?</li> <li>- Illustrate the part of the story that...</li> <li>- Make a map of...</li> <li>- What is the origin of the word _____?</li> <li>- What events led to _____?</li> </ul>	<ul style="list-style-type: none"> <li>- What would happen to you if..</li> <li>- Would you have done the same thing as...?</li> <li>- What occurs when..?</li> <li>- Compare and contrast _____ to _____</li> <li>- What other ways could _____ be interpreted?</li> <li>- What is the main idea of the story (event)?</li> <li>- What information supports your explanation?</li> <li>- What was the message in this piece (event)...</li> <li>- Give me an example of...</li> <li>- Describe in your own words what _____ means.</li> <li>- What does _____ suggest about _____'s character?</li> <li>- What lines of the poem express the poet's feelings about _____?</li> <li>- What is the author trying to prove? What evidence does he present?</li> </ul>	<ul style="list-style-type: none"> <li>- Design a _____ to show...</li> <li>- Predict what will happen to _____ as _____ is changed</li> <li>- Write a new ending to the story (event)...</li> <li>- Describe the events that might occur if...</li> <li>- Add something new on your own that was not in the story...</li> <li>- Pretend you are _____. What would the world be like if...</li> <li>- Pretend you are a character in the story. Rewrite the episode from your point of view.</li> <li>- What do you think will happen to _____? Why?</li> <li>- What is most compelling to you in this _____? Why?</li> <li>- Could this story have really happened? Why or why not?</li> <li>- If you were there, would you...</li> <li>- How would you solve this problem in your life?</li> </ul>

## Costa's Levels of Thinking and Questioning

<i>Content-Specific Question Stems: Social Studies</i>		
<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<ul style="list-style-type: none"> <li>- What information is given?</li> <li>- What are you being asked to find?</li> <li>- When did the event take place?</li> <li>- Point to the...</li> <li>- List the...</li> <li>- Name the...</li> <li>- Where did...?</li> <li>- What is...?</li> <li>- Who was/were...?</li> <li>- Make a map of...</li> </ul>	<ul style="list-style-type: none"> <li>- What would happen to you if..</li> <li>- Can you see other relationships that will help you find this information?</li> <li>- Would you have done the same thing as...?</li> <li>- What occurs when..?</li> <li>- If you were there, would you...</li> <li>- How would you solve this problem in your life?</li> <li>- Compare and contrast _____ to _____</li> <li>- What other ways could _____ be interpreted?</li> <li>- What things would you have used to...</li> <li>- What is the main idea of the event?</li> <li>- What information supports your explanation?</li> <li>- What was the message in this event...</li> <li>- Explain the concept of...</li> <li>- Give me an example of...</li> <li>- Describe in your own words</li> </ul>	<ul style="list-style-type: none"> <li>- Design a _____ to show...</li> <li>- Predict what will happen to _____ as _____ is changed</li> <li>- What would it be like to live...</li> <li>- Write a new ending to the event...</li> <li>- Describe the events that might occur if...</li> <li>- Pretend you are _____. What would the world be like if...</li> <li>- How can you tell if your analysis is reasonable?</li> <li>- What do you think will happen to _____? Why?</li> <li>- What significance is this event in the global perspective?</li> <li>- What is most compelling to you in this _____? Why?</li> <li>- Do you feel _____ is ethical? Why or why not?</li> </ul>