



# About Abstract Reasoning - Level 3

## Student Activity Guide

### Think About It

1. Though abstract reasoning is a higher-order skill, research has shown that abstract thinkers may be more likely to

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2. Why is staying “in the know” about current events important to thinking critically?

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### Brain Quiz!

1. All of the following are examples of abstract thinking EXCEPT:

- a. Using a Metaphor
- b. Identifying the color of a banana
- c. Forming theories about why something is happening
- d. Coming up with unique solutions to a problem

2. Abstract thinking is most likely to occur in which part of the brain?

- a. Frontal Lobe
- b. Amygdala
- c. Hypothalamus
- d. Occipital Lobe

3. Hobbies and activities that require abstract reasoning include:

- a. sports
- b. scouts
- c. word problems
- d. all of these require abstract reasoning

4. True or False: Abstract reasoning has been linked to cognitive ability.

5. True or False: Overanalyzing failures is associated with abstract reasoning.

## Activity #1 Class Brainstorm:

When learning new information, it's very important to check whether the source is reliable. As a class, brainstorm sources that are reliable and sources that are unreliable. Make a list on the board. Allow students to use electronic sources to brainstorm answers.

Reliable Sources	Unreliable Sources

## Activity #2 Skit:

In groups of 3-5 students, create a skit with people exploring two different sides of a divisive issue while utilizing good abstract reasoning skills and maintaining intellectual empathy.

Issue:

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1st Perspective:

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2nd Perspective:

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## Activity #3 Write About It:



1. Write about a divisive topic that is important to you. Why is it important? Why do you believe what you believe about the issue?

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2. Now imagine that you are just as passionate about the other side of the issue? From this perspective . . . Why do you believe what you believe about the issue? Why is your stance important?

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3. Now reflect on what it's like to explore the other side of the issue.

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