

Cognitive Thinking Activities Set 3

Making Critical Thinking Fun

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ELE90/106503

ISBN: 978-0-7877-2088-9

Release Date 2015

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Dayton, OH 45401-0802
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The pages in this packet were originally published in
Thinking Games and Activities, (ELE90/1065).

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Milliken Publishing Company
Teaching and Learning Company
Show What You Know® Publishing
LEP interactive

Analogies and Metaphors

Cognitive Thinking Strategies:

Categorization, Association, Convergent Thinking, Divergent Thinking, Prediction

The ability to see similarities and differences between objects facilitates writing and basic thinking skills. **Analogies and Metaphors** are valuable strategies for this type of thinking.

When beginning to teach analogies and metaphors to younger children, use pictures to show the relationships. For older students, have them state the relationship between the objects.

For example, bird : nest :: bee : _____.

Answer: *A bird lives in a nest.* After applying the same relationship to the other object, the analogy can be completed with *a bee lives in a hive.*

There are practice worksheets on the following pages. You can also use the blank worksheets on pages 27 and 30 to create your own practice examples.

Types of Analogies

- | | |
|--|--|
| 1. Object/Function | knife : cut :: pencil : write |
| 2. Characteristic | lemon : sour :: sugar : sweet |
| 3. Part/Whole and Whole/Part | eraser : pencil :: paw : dog
bird : beak :: dog : paw |
| 4. Location | student : school :: pilot : airplane |
| 5. Action/Object | swim : pool :: run : track |
| 6. Agent/Action or Action/Agent | dentist : patient :: hairdresser : client |
| 7. Class or Synonym | view : look :: smell : sniff |
| 8. Antonym | happy : sad :: night : day |
| 9. Sequential | first : second :: fifth : sixth |
| 10. Grammar | adjective : noun :: adverb : verb |
| 11. Familial | aunt : niece :: mother : daughter |
| 12. Degree | cool : frigid :: warm : scalding |
| 13. Mathematical | (1 + 1) : (2 + 2) :: (4 + 4) : (8 + 8) |

Metaphors

Draw a picture of the two objects in the boxes. Then write how they are alike on the lines below.

1. A peanut butter and jelly sandwich and a football

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2. A house and a tree

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3. Grapes and bicycles

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4. A jump rope and a flower

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5. A mountain and a road

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Metaphors

Underline the two objects being compared. Describe how they are alike on the lines.

1. A peanut butter and jelly sandwich is like a football because

2. A house is like a tree because

3. Grapes are like bicycles because

4. A jump rope is like a flower because

5. A mountain is like a road because
