

# Guided Reading Activity



## Thinking and Language

### Lesson 1 *Thinking and Problem Solving*

11-1

#### Review Questions: Outlining

**Directions:** Read the lesson and complete the outline below. Refer to your textbook to fill in the blanks.

#### I. Thinking

- A. When a symbol stands for an entire class or category of items, it is called a(n) \_\_\_\_\_, which can then be represented by an example called a(n) \_\_\_\_\_.
- B. Two major types of reasoning are \_\_\_\_\_, which is a "top down" approach, and \_\_\_\_\_, which is a "bottom up" approach.
- C. When problem solving, \_\_\_\_\_ thinking narrows down many possibilities to one best answer, whereas \_\_\_\_\_ thinking produces a variety of alternatives to a problem.
- D. Three helpful ways to make good decisions are \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
- E. People may avoid making decisions because they \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, or \_\_\_\_\_.

#### II. Problem Solving

- A. Problem solving bridges the gap between a(n) \_\_\_\_\_ situation and a desired \_\_\_\_\_.
- B. The first step in solving a problem is to \_\_\_\_\_, the second step is to \_\_\_\_\_, and the third is to \_\_\_\_\_.
- C. One of the main obstacles to problem solving is \_\_\_\_\_, but it can be overcome by analyzing situations from many different \_\_\_\_\_.
- D. Computers use \_\_\_\_\_ more efficiently than humans do, because computers can perform them so quickly.

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## Guided Reading Activity *cont.*



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#### III. Creative Thinking

- A. According to one theory, the creative thinking process has four phases: 1) \_\_\_\_\_, 2) \_\_\_\_\_, 3) \_\_\_\_\_, and 4) \_\_\_\_\_.
- B. A(n) \_\_\_\_\_ person is more likely to come up with unoriginal ideas.
- C. Recombination can create original solutions by coming up with \_\_\_\_\_ of a problem's elements.
- D. Insight might occur because the recombination process is still working on a(n) \_\_\_\_\_ level after a person \_\_\_\_\_ a task.

#### Summary and Reflection

**Directions:** Summarize the main ideas of this lesson by answering the question below.

Describe at least five thought processes that might occur when a person is deciding what to wear to school in the morning.

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