

# Thinking Skills Process

(One "lesson" could take up to four days to complete.)

1. Orally read picture book that accompanies the Thinking Skills lesson. (Visual Input) Look over the items in the TS lesson. Choose one of the items in the exercise that many students in your class may not know well. Choose a picture book that contains detailed photographs and good descriptions.

## Where the Learning Takes Place

### Concrete Process

2. Students observe details and objects in the picture books and photographs and discuss in pairs using guiding questions from the teacher. Students respond in complete sentences.

### Semi-Concrete Process

3. Exercises in the student book may include writing and manipulative activities.

### Abstract Process

4. Students discuss the concepts in the student book, including metacognition and application.

## Outcomes

**Competence and Confidence in Thinking** (example: Student knows the steps to compare and contrast two objects.)

**Clear Conceptualization of Content** (example: Student knows the vocabulary to adequately describe both the properties of a concept and the concept itself.)

**Rich, Accurate Expression of Understanding Content** (example: Students can explain orally or in limited writing the key properties of a concept.)

**Adequate Preparation for Subsequent Learning** (example: Students can state the properties of concepts that will be subsequently differentiated, elaborated and infused in their content subject areas and into the next grade.)

**Speaking in Complete Sentences** (example: The teachers will model complete sentences throughout the whole day and the students respond in complete sentences.)

Created by:  
Sandra Parks, Thinking Skills  
Daniel Turner, Duke University, SSRI  
Melba Spivey, AIG, Wake County Schools