



**RICHLAND COMMUNITY COLLEGE**  
Teaching and Learning Support Services  
Learning Accommodation Services

## **REASONING**

**Fluid reasoning** is the ability to reason, form concepts, and solve problems using unfamiliar information or novel (new) procedures.

Students who have trouble with reasoning should try one or more of the following suggestions:

1. Practice activities that will involve finding solutions to problems, understand and applying rules, and predicting logical conclusions. We have materials available in the resource room.
2. When learning a new process or skill, move slowly and follow step by step instructions. Use manipulatives and concrete objects when possible.
3. Try explaining a new concept to someone else.
4. When working with tasks that involve problem solving, first make a list of steps to follow. Write these on an index card so you can easily follow them.
5. Learn to do a task analysis of a lengthy project. In other words, break the project into sequential steps that you can manage.
6. Strategy for solving problems:
  - Define the problem
  - Do a task analysis
  - Brainstorm alternative solutions
  - Consider possible outcomes
  - Choose a solution.

***Make sure to ask for a list of materials available if you want to practice!***

