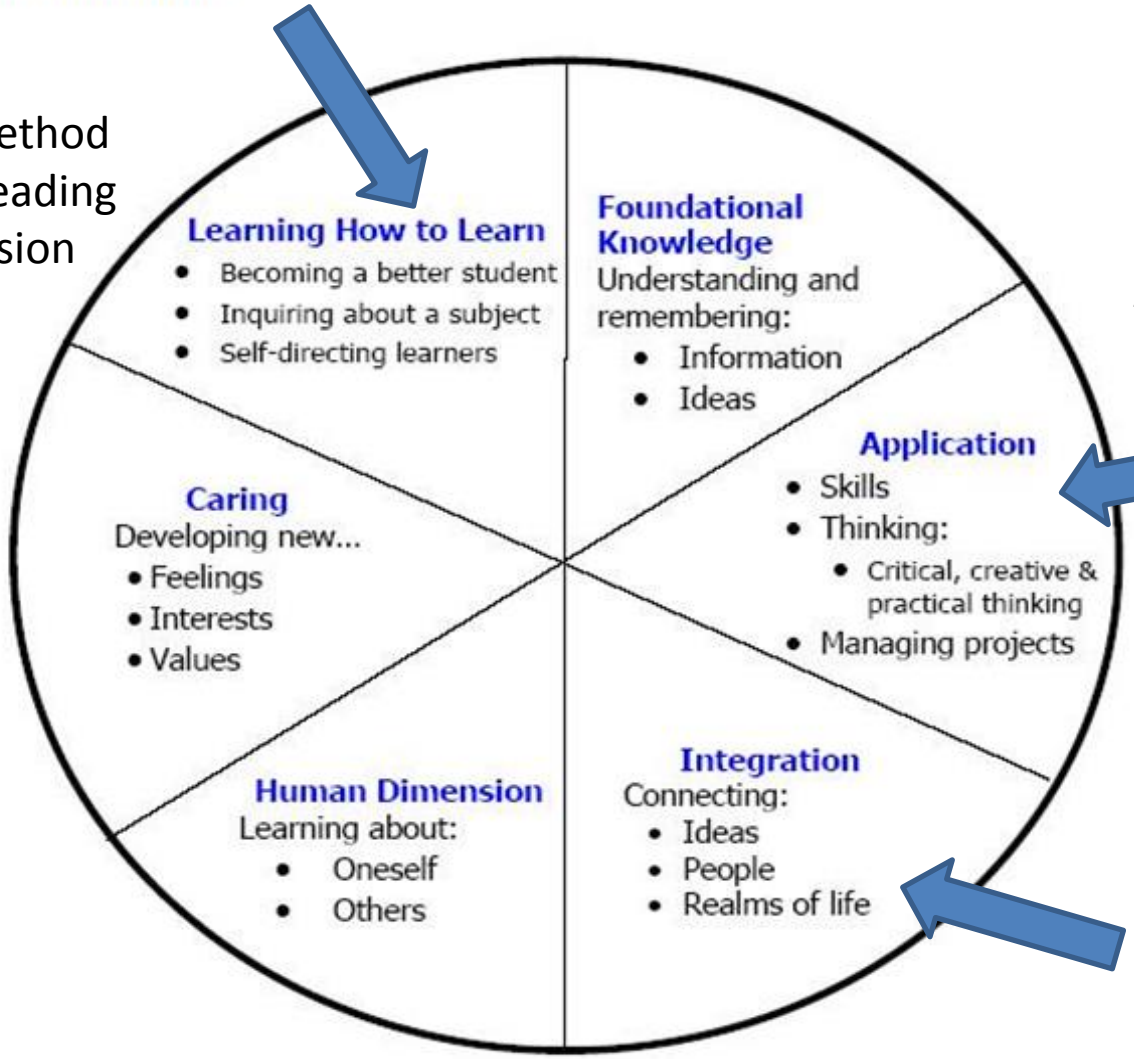
# Comprehension – A Closer Look

Reciprocal Teaching Method

&

Meta-Cognitive Conversation

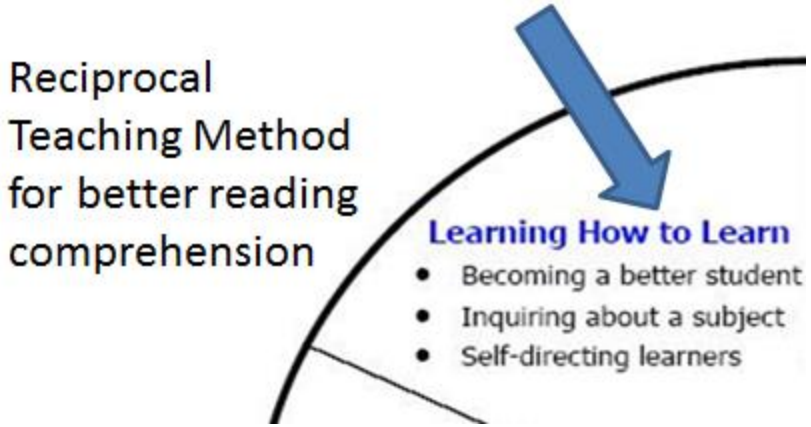
Reciprocal Teaching Method for better reading comprehension




Applying reading strategy to Psych

Connecting: New info to what you already know

Excerpted from http://www.ou.edu/pii/significant/WHAT%20IS.pdf




# From Shallow to Deep Learning

A Closer Look at Comprehension

# When Time & Motivation aren't Enough!

- We've talked a lot about making good choices and having the right stance towards learning
  - Spending enough time
  - Staying motivated

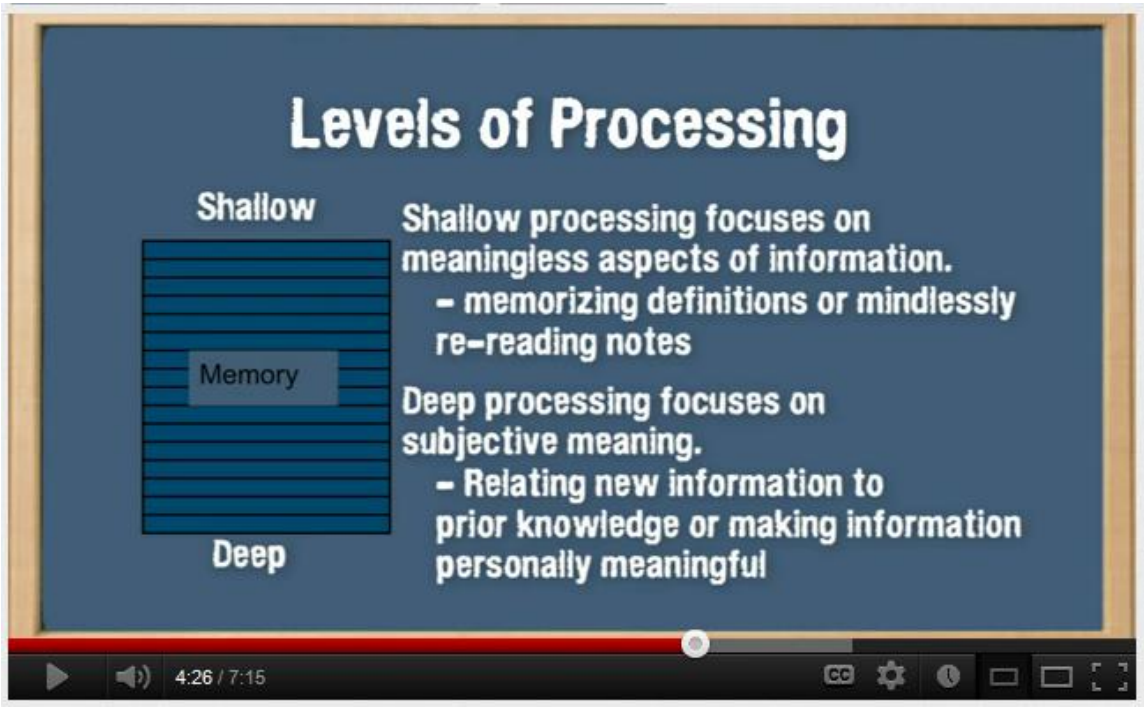
- BUT… is that enough?
  - NOT if you aren't using EFFECTIVE strategies!
  - So what makes a study/reading/learning strategy effective?
    - Gaining Deep Processing

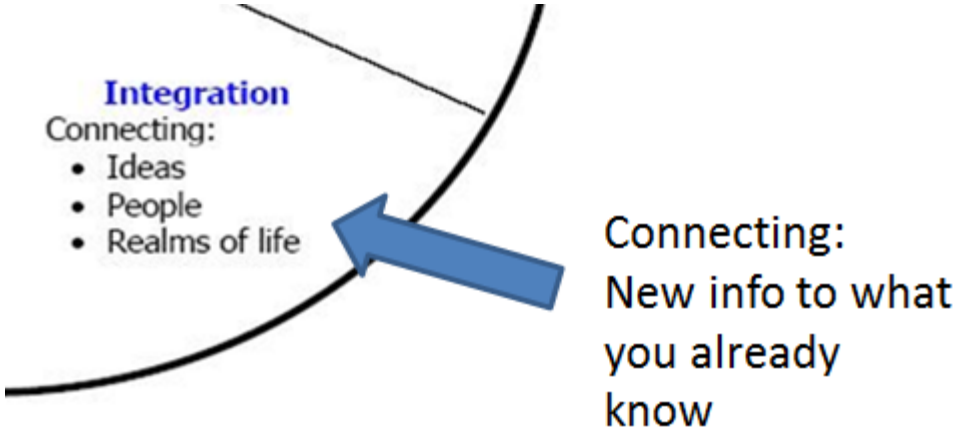
# Some In-class Research

- Let's try something ☺
  - Re-create the memorization research trials – Listen to 4 lists of words
    - Trial #1 – listen and memorize as many of the words as possible
    - Trial #2 – listen and think "Do the words have the letter "e" ?" Yes/No
    - Trial #3 – listen – are words pleasant? Yes/No
    - Trial #4 – listen – and think of an association for each word

# Deep Processing

- Dr. Steven Chu – Samford University
  - "Deep Processing is the key to Learning"
    - 4:25
    - Later…watch this one! Great review of successful strategies

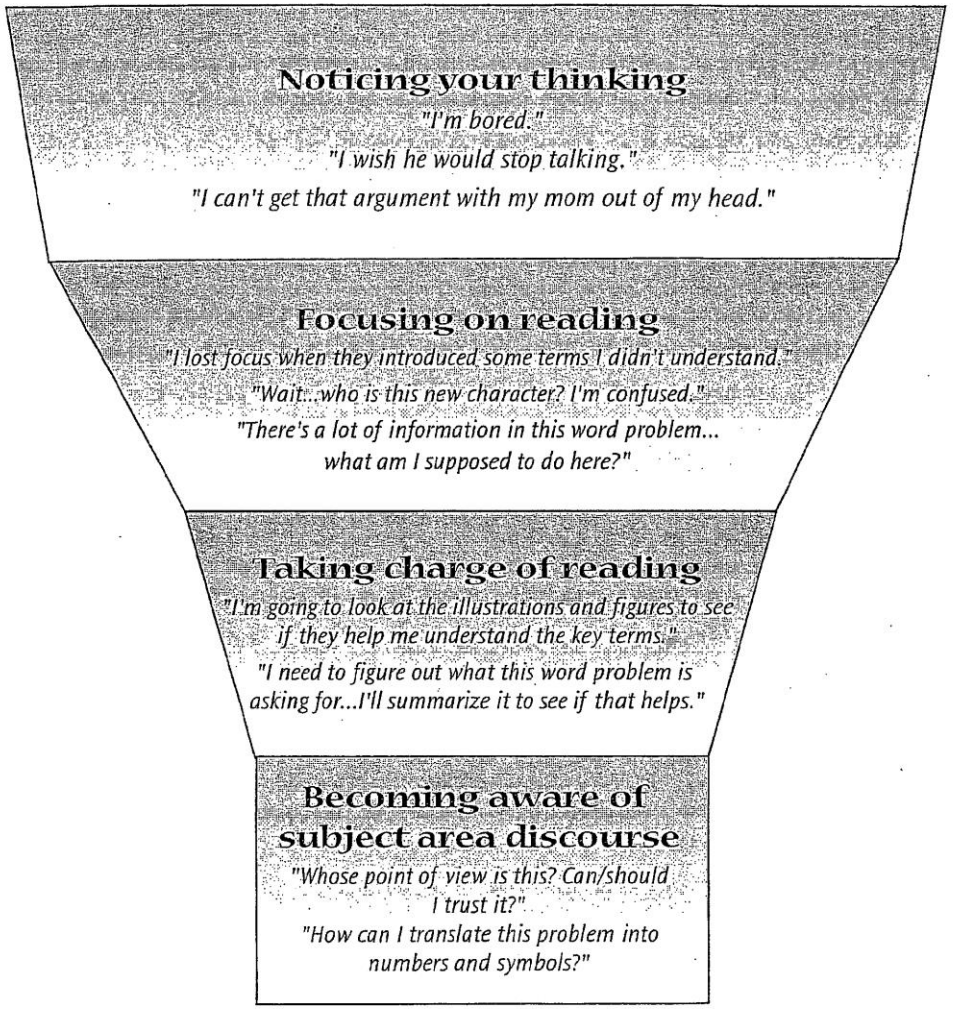





# RU Talking to Yourself???

Paying Attention to the Meta-Cognitive Conversation

## Mapping the Metacognitive Conversation



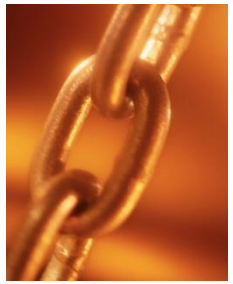

What IS meta-cognition and why is it important?

- Knowing what you DO and DON'T know
- Moving from high school/survival to college level learning
- Moving from shallow to deep learning

# A Deep Processing Strategy:

## Reciprocal Teaching CQCS

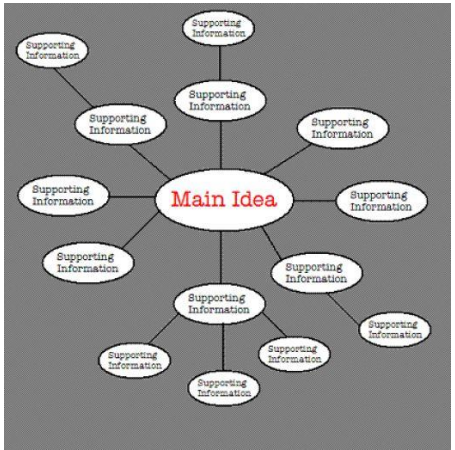
- **Connection** – to what you know already and experiences in real life. This reading section is like…



- **Questioning** – about main, supporting ideas and inferences

- **Clarification** – Fix-up Strategies – what is stopping you from understanding? Vocab? Complex concepts? Requires NOTICING

- **Summarization** – identify main ideas and key supporting details and re-tell them in your own words



# Connecting

- **Connection** – to what you know already and experiences in real life. This reading section is like…

Example

# Questioning

- What's most important in this section
- What are the main points
- What are the major details?
- What can I infer based on this reading
- What parts need critical thinking?

Example

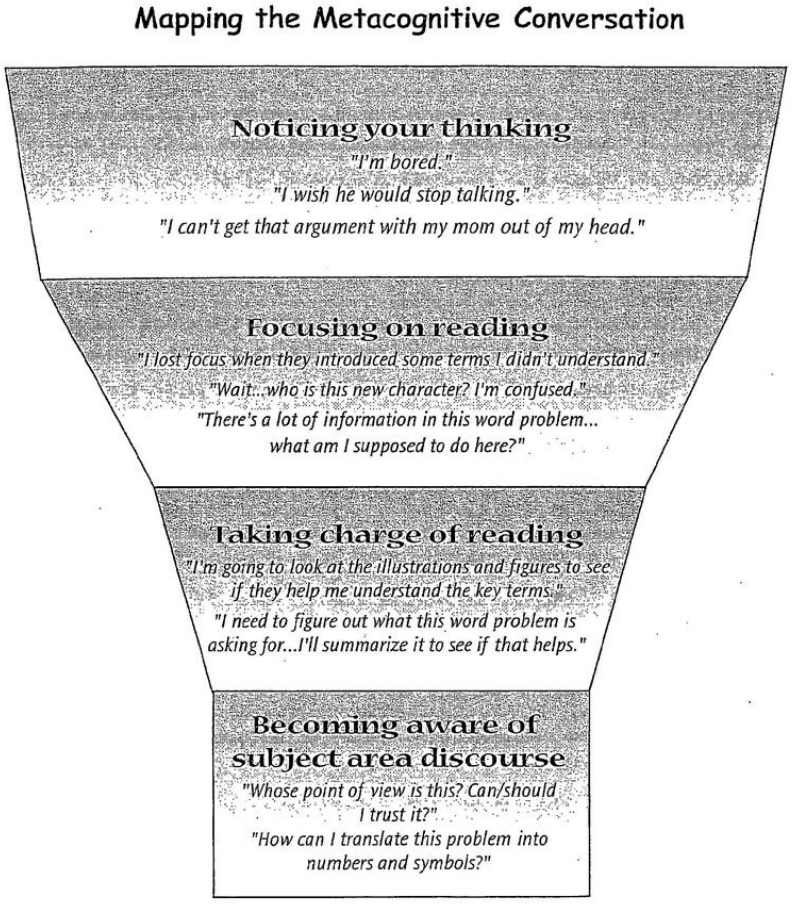
# Clarification

Tapping into the meta-cognitive CONVERSATION!

Fix-up Strategies – what is stopping you from understanding? Vocab? Complex concepts? Requires NOTICING & FOCUSING

1. Re-read
2. reading more slowly
3. Read ahead
4. look back
5. refer to visual aids
6. make a picture in your mind
7. draw the concept
8. look for text examples that explain
9. check alternative sources

EXAMPLE



# Summarization

- **Summarization** – identify main ideas and key supporting details and re-tell them in your own words

Example

# Demo – Clicker Question

- Put it all together – Tell me which step you think I'm doing…

A. Connecting
B. Questioning
C. Clarifying
D. Summarizing

# An Activity with Reciprocal Teaching = CQCS

- With your partner, divide the reading
- Do the CQCS for your section of reading
- Teach it to yourself!
- Explain it to your partner

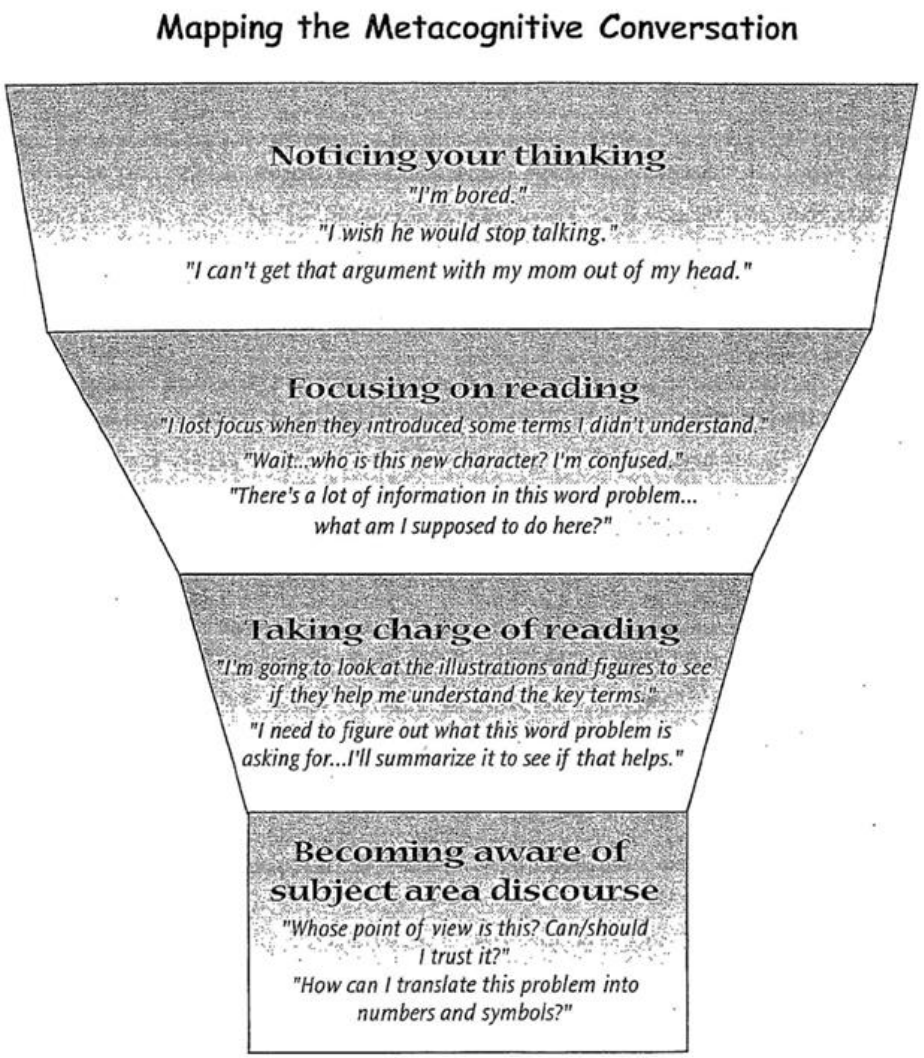
Reciprocal Teaching!!

# Review

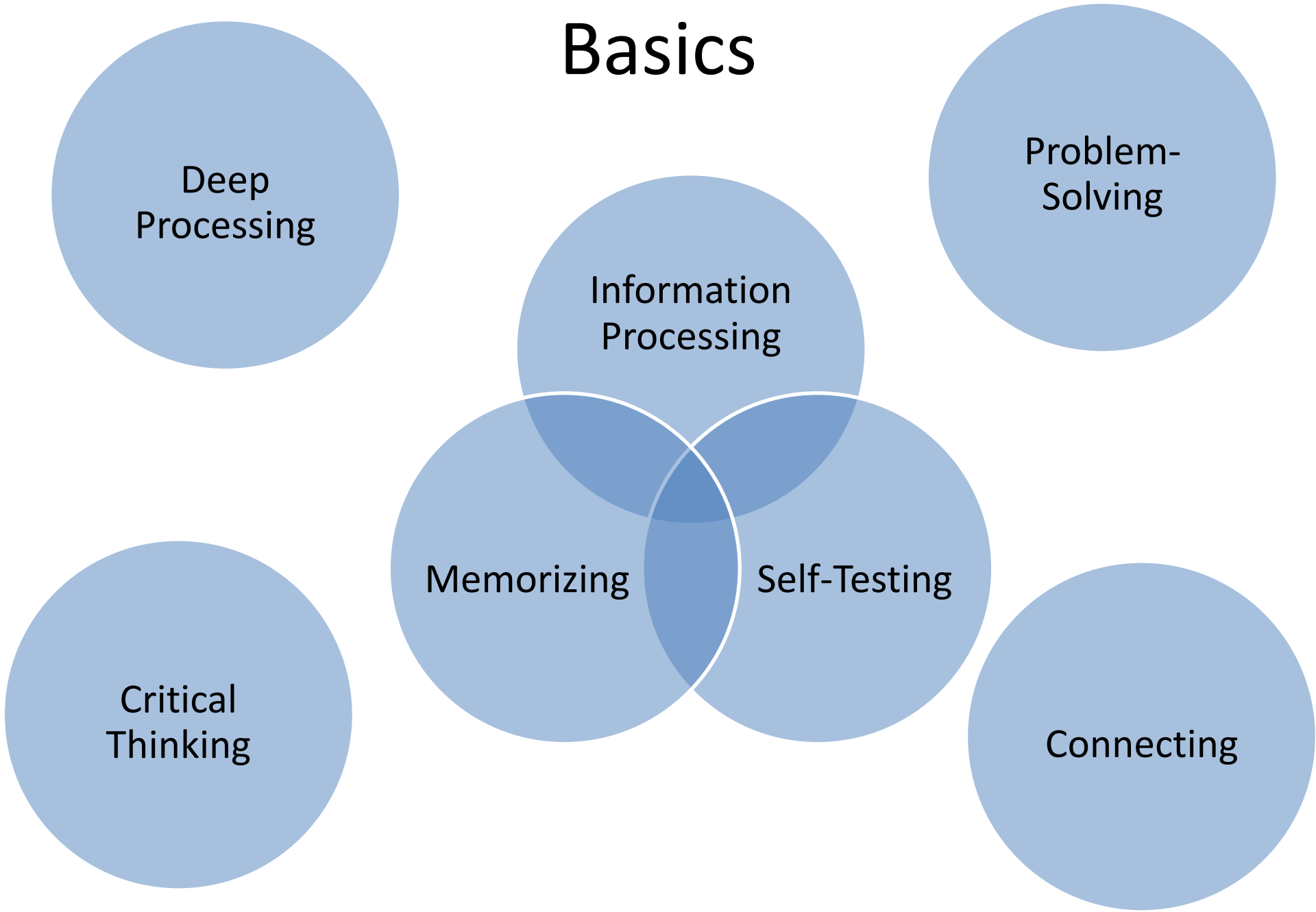
- Deep Processing (making connections- building associations - understanding) is better than surface or shallow processing

- Reciprocal Teaching (CQCS) is a deep processing strategy that asks you to do the following as you read
  - Make CONNECTIONS to what you already know
  - Ask QUESTIONS – what's most important – make predictions
  - CLARIFY – fix-up strategies
  - SUMMARIZE (in your own words)

# Pay Attention!



# Basics


Deep Processing
Problem-Solving
Information Processing
Memorizing
Self-Testing
Critical Thinking
Connecting