

# Techniques of Active Learning

## Some Useful Ideas

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# Disclaimer

- 1 Disclaimer
- 2 Exercises for Individual Students
- 3 Questions and Answers
- 4 Critical Thinking Motivators
- 5 Share/Pair
- 6 Cooperative Learning Exercises

## Disclaimer

The following is a collection of some of the tips and strategies given in “Active Learning for the College Classroom”, (Paulson and Faust, California State University, Los Angeles, 1998). We do not mean it to be either a manual or a guide, but merely a resource in which you may find helpful techniques to improve active learning in your classroom .

We will quickly introduce and verbally discuss the techniques mentioned; for more details on them (and for a more extensive list), the complete paper by Donald R. Paulson and Jennifer L. Faust is available online at

<http://www.calstatela.edu/dept/chem/chem2/Active/>

# Exercises for Individual Students

- ① Disclaimer
- ② Exercises for Individual Students
- ③ Questions and Answers
- ④ Critical Thinking Motivators
- ⑤ Share/Pair
- ⑥ Cooperative Learning Exercises

# Exercises for Individual Students

- The “One Minute Paper”

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- Muddiest (or Clearest) Point

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- Daily Journal

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- Clarification Pauses



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- The “One Minute Paper”
- Muddiest (or Clearest) Point
- Daily Journal
- Clarification Pauses
- Response to a demonstration or other teacher centered activity

# Questions and Answers

- ① Disclaimer
- ② Exercises for Individual Students
- ③ Questions and Answers**
- ④ Critical Thinking Motivators
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# Questions and Answers

- The “Socratic Method” \*\*\*

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- Wait Time

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- The “Socratic Method” \*\*\*
- Wait Time
- Student Summary of Another Student’s Answer

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- The “Socratic Method” \*\*\*
- Wait Time
- Student Summary of Another Student’s Answer
- The Fish Bowl

# Critical Thinking Motivators

- 1 Disclaimer
- 2 Exercises for Individual Students
- 3 Questions and Answers
- 4 Critical Thinking Motivators**
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# Critical Thinking Motivators

- Puzzles/Paradoxes



# Share/Pair

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# Share/Pair

- Discussion

# Share/Pair

- Discussion
- Note Comparison/Sharing

# Cooperative Learning Exercises

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# Cooperative Learning Exercises

- Cooperative Groups in Class

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- Active Review Sessions

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- Work at the Blackboard

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- Cooperative Groups in Class
- Active Review Sessions
- Work at the Blackboard
- Concept Mapping