



Mastery Teaching Workshop with John D. Mays

Lesson 12: Enabling Strategies

Outline:

Enabling Strategies

- Review sessions
 - Review regularly.
 - Do this with Socratic dialogue.
 - Bring every single student into the conversation.
 - Organize the questions that you want to ask before the class.
- Drill and practice sessions (grades 7-9)
 - Problem solving drills.
 - This is not necessary for 10th-12th grade students.
 - We complete 9-12 computations.
 - Once they are typed, it is helpful for the students who are falling behind to print it out and give it to them.
 - Competitions for verbal practice.
 - Divide the class into two teams.
 - Line the students up, rather than clustered into a group.
 - Type up a list of questions from the quizzes.
 - State the question and give the team a moment to select a person to give the answer. Let that person address the question, then they go sit at the end of the line.
- Weekly review guides (7-9)
 - Students need to be trained how to study.
 - The first section is a list of review activities.
 - At the bottom are four review computations.
- Allow adequate class time for completing new assignments. Time outside class is for review and practice of older material.
- Always provide answers to computational problems.
- Daily Questions and subsequent discussion
 - Students have a page in their notebook for the daily question.
 - The question is dictated to them.
 - Students transcribe the question.
 - Students come back with a written answer to the question.
 - In the next class, the students will be called upon to read the answer to their question.
- Objectives list
 - We must tell the students what they are required to know.



- Provide a written study strategy.
- Provide enough problems and questions in assignments so that mastery can occur. Have students work every single question.
- Provide written problem-solving strategy and INSIST on students using it.
 - Universal Problem Solving Method
- Lab reports written from scratch (3 lab reports per semester).
- Students read Student Lab Report Handbook and gradually learn how to write solid reports.
- Quiz key binder – every old quiz is a study tool for new quizzes.
 - The key only includes the computational problems.