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by Achieve the Core

"This change requires a different style of instruction than what many have come to call 'sit and get.'

... teachers will have to encourage much more student work and student discourse and engage in far less teacher talk."

The Common Core is only a new expectation; It does not dictate a change in instruction... It only demands it. MPJ



## **Explicit Teaching of Thinking**





"Math does not teach Problem Solving."

"Only the explicit teaching of thinking teaches thinking."

## **Defining Problem Solving** Don't Know How Exercise





This is THE **Re-Orientation: Progression!** 





**Notes-Oriented** 

**Task-Oriented** 

30%

70% **Dual Targets** 

Content and Practice

Daily!

MPJ

MPJ

## **Task-Oriented Progression**

What is a Task?



"A mathematical task is a problem or set of problems that focuses students' attention on a particular mathematical idea and/or provides an opportunity to develop or use a particular 8 Practices mathematical habit of mind."

-- Adding it up (2001)

100/0

































