

# How to Organize your Teaching: Improving Students' Memory and Understanding



## Abstract-Concrete Connections

Help students understand abstract concepts and transfer their understanding to new contexts.

Here's how you do it...



## Examples With Practice

Alternate worked examples with practice to develop students' problem-solving strategies.

Oh, I see what I did wrong the first time!



Now you try...



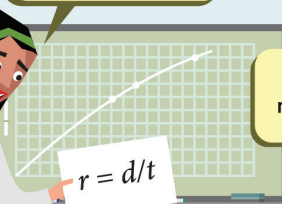
Here's another example....



## Higher-Order Questions

Ask questions to encourage student explanations and to foster a deeper understanding of concepts.

You figured out the speed of your car!



The equation really worked!



## Spacing Learning Over Time

Use strategic review and quizzes to promote long-term retention of material.



Which key concepts do my students need to revisit?

Why?  
How do you know?  
What's your evidence?



I agree because...

