

Teaching Strategies and High Tech Tools

In their popular book, *Classroom Instruction that Works: Research-Based Strategies for Increasing Student Achievement*, Robert J. Marzano, Debra J. Pickering, and Jane E. Pollock describe teaching strategies that have a positive impact on student learning. As you examine each area, consider the ways these technology tools might be used to facilitate learning.

Teaching Strategy	Text	Illustrations	Photographs	Sounds	Video	Animation
Identifying similarities & differences: comparing, classifying, creating metaphor, analogies						
Summarizing & notetaking						
Reinforcing effort & providing recognition						
Homework & practice						
Nonlinguistic representations: graphic organizers, pictures & photos, mental pictures, concrete representations, kinesthetic activity						
Cooperative learning						
Setting objectives & providing feedback						
Generating & testing hypotheses						
Advancing prior knowledge: Cues, questions, & advanced organizers						