USC Center for Excellence in Teaching

# Visual support for instruction

## WHAT IS THIS RESOURCE?

A selection of literature resources discussing the impacts of the use of visual support for instruction on student learning.

**Mayer, R. (2018). *Keynote PowerPoint for CET Teaching With Technology Conference*.**[**http://cet.usc.edu/wp-content/uploads/2018/05/2018\_TWT\_keynote\_slides.pptx**](http://cet.usc.edu/wp-content/uploads/2018/05/2018_TWT_keynote_slides.pptx)

Provides a summary of previous and ongoing research into best practices regarding multimedia in education.

**Mayer, R. E., & Alexander, P. A. (2016). *Handbook of research on learning and instruction* (2nd ed.). New York: Routledge.**

“People learn better from words and pictures than from words alone.” (see Chapter 22)

**Mayer, R. (n.d.). Multimedia instruction. In *Handbook of Research on Educational Communications and Technology: Fourth Edition* (pp. 385–399). Springer New York.**[**https://doi.org/10.1007/978-1-4614-3185-5\_31**](https://doi.org/10.1007/978-1-4614-3185-5_31)

Good for multimedia principles with lots of citations

**Vekiri, I. (2002). What Is the Value of Graphical Displays in Learning? *Educational Psychology Review, 14*(3), 261–312.**[**https://doi.org/10.1023/A:1016064429161**](https://doi.org/10.1023/A:1016064429161)

Improvement in learning from use of visuals and verbal instruction over just verbal instruction.