

Meta-Analytic Studies on Advance Organizers

| Synthesis Study | Focus | Number of Effect Sizes | Average Effect Size | Percentile Gain |
|--------------------------------|--|------------------------|---------------------|-----------------|
| Luiten, Ames, & Ackerson, 1980 | General effects of advance organizers | 110 | .21 | 8 |
| Lott, 1983 ^a | | 17 5 | .09 .77 | 3 28 |
| Hattie, 1992 | | 387 | .37 | 14 |
| Walberg, 1999 ^a | | 29 16 | .45 .24 | 17 9 |
| Stone, 1983 | Expository advance organizers | 44 | .80 | 29 |
| | Narrative advance organizers | 12 | .53 | 20 |
| | Illustrated and written advance organizers | 15 | .52 | 20 |

Source: Marzano, ASCD, 2007, p. 33. a. Two effect sizes are listed because of the manner in which effect sizes were reported.

References

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- Luiten, J., Ames, W., & Ackerson, G. (1980). A meta-analysis of the effects of advance organizers on learning and retention. *American Educational Research Journal*, 17(2), 211-218.
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- Stone, C. L. (1983). A meta-analysis of advance organizer studies. *Journal of Experimental Education*, 51(7), 194-199.
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