

NYSATA Recommended Readings on Creativity

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General textbook on creativity research:

Weisberg, R. W. (2006). *Understanding innovation in problem solving, science, invention and the arts*. Hoboken, N.J.: John Wiley & Sons, Inc.

On case studies and habits of thought:

Gruber, H. E. & Davis, S. N. (1988). Inching our way up Mount Olympus: The evolving systems approach to creative thinking. In R. J. Sternberg (Ed.), *The nature of creativity: Contemporary psychological perspectives* (pp. 243-270) Cambridge, UK: Cambridge University Press.

On creativity as the result of constraints and findings on habitual variability:

Stokes, P. D. (2006). *Creativity from constraints: The psychology of breakthrough*. New York: Springer Publishing Company, Inc.

Stokes, P. D. (2010). Using constraints to develop creativity in the classroom. In R. A. Beghetto & J. C. Kaufman (Eds.), *Nurturing creativity in the classroom* (pp. 88-112). Cambridge, UK: Cambridge University Press.

On creativity toolboxes in the art classroom:

Hanchett Hanson, M. & Shulman Herz, R. (2011, January). A “toolbox approach” for developing thoughtful, structured creative art experiences. *Art Education*, pp. 33-38.

On creativity as a decision-making process:

Sternberg, R. (2003). The development of creativity as a decision-making process. In K. Sawyer (Ed.), *Creativity and development* (pp. 91-138). Oxford: Oxford University Press.

On polymaths:

Root-Bernstein, R. & Root-Bernstein, M. (2004). Artistic scientists and scientific artists: The link between polymathy and creativity. In R. J. Sternberg, E. L. Grigorenko & J. L. Singer (Eds.), *Creativity: From potential to realization* (pp 127-152). Washington, D.C.: American Psychological Association.

For a more general discussion of multi-modal thinking see the Root-Bernsteins' book:

Root-Bernstein, R. S. & Root-Bernstein, M. M. (2001). *Sparks of genius: The thirteen thinking tools of the world's most creative people*. Boston, MA: Mariner Books.

See also discussion of multimodal thinking in:

Gruber, H. E. & Wallace, D. B. (1999). The case study method and evolving systems approach for understanding unique creative people at work. In R. J. Sternberg (Ed.), *Handbook of creativity* (pp. 93-115). Cambridge, UK: Cambridge University Press.