

Reading: Renaissance Learning and Unlocking Your Potential

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NOTE: All these readings are optional

Chapters 11 - 18 of [A Mind for Numbers](#) are especially helpful in providing helpful information and additional exercises related to the materials of Module 4.

Worthwhile Additional Popular Works

- Timothy Verstynen and Bradley Voytek, [Do Zombies Dream of Undead Sheep? A Neuroscientific View of the Zombie Brain](#), Princeton University Press, 2014. (Dr. Sejnowski recommends this book!)
- Selena Rezvani, "[How to Have a Thicker Skin for Negative Feedback](#)," *Forbes*, October 22, 2014.
- Travis Bradberry, (February 6, 2014) "[How Successful People Stay Calm](#)," *Forbes*.
- Carlin Flora, [Friendfluence: The Surprising Ways Friends Make Us Who We Are](#), Anchor, 2013.
- Cell Press, "[How curiosity changes the brain to enhance learning](#)," *Science Daily* (2014).
- Robert Twigger, "[Master of many trades: Our age reveres the specialist but humans are natural polymaths, at our best when we turn our minds to many things](#)," *Aeon*, November 4, 2013.
- Pam Belluck, (January 20, 2011). "[To Really Learn, Quit Studying and Take a Test](#)." *The New York Times*.
- Kirsten Weir, (November 2013). "[Feel like a fraud?](#)" American Psychological Association.
- Justin Reich, (March 30, 2014). "[Big Data MOOC Research Breakthrough: Learning Activities Lead to Achievement](#)," *Ed Tech Researcher*.
- University of Utah Health Care Office of Public Affairs. "[Researchers Debunk Myth of 'Right-Brain' and 'Left-Brain' Personality Traits](#)." *Science Daily* (2013).
- Felder, Richard M. "[Memo to Students Who Have Been Disappointed with Their Test Grades](#)." *Chemical Engineering Education* 33, no. 2 (1999): 136-37.
- Sue Barry, [Fixing My Gaze](#), Basic Books, 2009.
- Magic Eye, Inc., *Magic Eye: A New Bag of Tricks*, Andrews McMeel Publishing, 1995. See also the website at <http://www.magiceye.com/>.
- www.brainfacts.org

Worthwhile Popular App

- [Breathe2Relax](#), by the National Center for Telehealth & Technology

Video References

Video: Introduction to Module 4

- Fischer, K. W., & Bidell, T. R. (2006). Dynamic development of action, thought, and emotion. In W. Damon & R. M. Lerner (Eds.), *Theoretical Models of Human Development. Handbook of Child Psychology*. NY: Wiley.
- Siegler, R. S. (1998). *Emerging Minds: The Process of Change in Children's Thinking*. New York, NY: Oxford University Press. (See in particular Siegler's "overlapping waves" theory.)

Video: Create a Lively Visual Metaphor or Analogy

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- Solomon, Ines. "Analogical Transfer and 'Functional Fixedness' in the Science Classroom." *Journal of Educational Research* 87, no. 6 (1994): 371-77.

Video: No Need for Genius Envy - The Imposter Syndrome

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- Bilalić, Merim, A. Kiesel, C. Pohl, M. Erb, and W. Grodd. "It Takes Two—Skilled Recognition of Objects Engages Lateral Areas in Both Hemispheres." *PLoS ONE* 6, no. 1 (2011): e16202.
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- Carson, Shelley H, Jordan B Peterson, and Daniel M Higgins. "Decreased Latent Inhibition Is Associated with Increased Creative Achievement in High-Functioning Individuals." *Journal of Personality and Social Psychology* 85, no. 3 (2003): 499-506.
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Video: Change Your Thoughts, Change Your Life

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Video: The Value of Teamwork - Avoiding Overconfidence

- Bilalić, Merim, A. Kiesel, C. Pohl, M. Erb, and W. Grodd. "It Takes Two—Skilled Recognition of Objects Engages Lateral Areas in Both Hemispheres." *PLoS ONE* 6, no. 1 (2011): e16202.
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Video: A Test Checklist

- Felder, Richard M. "[Memo to Students Who Have Been Disappointed with Their Test Grades](#)." *Chemical Engineering Education* 33, no. 2 (1999): 136-37.
- Benedict Carey, (September 4, 2014). "[Why Flunking Exams Is Actually A Good Thing](#)." *The New York Times*.

Video: The *Hard-start—jump-to-easy* Technique

- Oakley, Barbara. *A Mind for Numbers: How to Excel at Math and Science (Even If You Flunked Algebra)*. New York, NY: Penguin-Random House, July, 2014. See in particular Chapter 17.

Video: Final Helpful Hints for Tests

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