## Why Autonomy?

## Because autonomy support in the classroom produces positive educational outcomes...

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Greater perceived competence	Deci et al., 1981			
Higher mastery motivation	Ryan & Grolnick, 1986			
Enhanced creativity	Koestner, Ryan, Bernieri, & Holt, 1984			
Preference for optimal challenge over easy success	Shapira, 1976			
Increased conceptual understanding	Benware & Deci, 1984			
Active and deeper information processing	Grolnick & Ryan, 1987			
Greater engagement	Reeve, Nix, & Hamm, 2003			
Enhanced well-being	Black & Deci, 2000			
Better academic performance	Boggianno, Flink, shields, Seelbach, &			
	Barrett, 1993			
Academic persistence, rather than dropping out of school	Vallerand, Fortier, & Guay, 1997			

## **Key definitions:**

Autonomy	"A sense of being choiceful in one's actions and experiencing oneself as the locus of initiation of those actions" (Connell & Ryan, 1987; deCharms, 1976; Deci & Ryan, 1985; White, 1959).
Autonomy-supportive	Environments that minimize the salience of external incentives and threats, avoid controlling language, and acknowledge the learners' frame of reference (Black & Deci, 2000; Ryan & Connell, 1989). Autonomy-supportive teaching involves behaviors that seek to promote students' tendency to engage in learning because they value this activity or find it interesting (Roth, Assor, Kanat-Maymon, & Kaplan, 2007).
Competence	Experiencing one-self as capable and competent in controlling the environment of the activity. The need for competence (Deci & Ryan, 1985; Elliot & Thrash, 2002; Koestner & McClelland, 1990) is the need to experience satisfaction in exercising and extending one's capabilities. Naturally, people seem to seek out challenges that are optimal for their level of development (Harter, 1978; White, 1959).

## **References:**

- Black, A. E., & Deci, E. L. (2000). The effects of instructors' autonomy support and students' autonomous motivation on learning organic chemistry: A self-determination theory perspective. *Science Education*, *84*(740-756).
- Connell, J. P., & Ryan, R. M. (1987). Self-Regulatory Style Questionnaire: A measure of external introjected, identified, and intrinsic reasons for initiating behaviour. : Manual, University of Rochester.
- deCharms, R. (1976). Enhancing motivation: Change in the classroom. New York: Irvington.
- Deci, E. L., & Ryan, R. M. (1985). Intrinsic motivation and self-determination in human behaviour: New York: Plenum Press.
- Elliot, A. J., & Thrash, T. M. (2002). Approach-avoidance motivation in personality: Approach and avoidance temperaments and goals. . *Journal of Personality and Social Psychology, 82*, 804-818.
- Harter, S. (1978). Effectance motivation reconsidered: Toward a developmental model. Human Development, 1, 661-669.
- Koestner, R., & McClelland, D. C. (1990). Perspectives on competence motivation. In *L. A. Pervin (Ed.), Handbook of personality: Theory and research* (pp. 527-548). New York: Guilford Press.
- Roth, G., Assor, A., Kanat-Maymon, Y., & Kaplan, H. (2007). Autonomous motivation for teaching: How self-determined teaching may lead to self-determined learning. *Journal of Educational Psychology*, 99, 761-774.
- Ryan, R. M., & Connell, J. P. (1989). Perceived locus of causality and internalization: Examining reasons for acting in two domains. *Journal of Personality and Social Psychology*, 57, 749-761.
- White, R. W. (1959). Motivation reconsidered: The concept of competence. Psychological Review, 66, 297-333.

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