

## Learning Principles and Suggestions for Teaching and Learning

Based on a review of the learning principles listed in the following table and a comparison with your own experiences, make a list of practical action steps that you can take to make teaching and learning more consistent with these learning principles.

Principle of Learning	How Consistent Is This Principle With My Best Learning Experiences?	Suggestions for Teaching and Learning
Meaningful learning is active and engaging.		
Learning is purposeful and contextual.		
Experts organize or chunk their knowledge around transferable core concepts or big ideas.		
Learning is mediated and enhanced through different types of thinking.		
Understanding is revealed and demonstrated when students can apply, transfer, and adapt their learning to new and novel situations and problems.		

New learning is built on and integrated with prior knowledge.		
Learning is social.		
Learning is more likely to occur when students have a growth mindset.		
Learning is nonlinear; it develops and deepens over time.		
Learning increases when students are interested in what they are learning.		

*Source: Adapted from McTighe, J., & Seif, E. (2010). An implementation framework to support 21st century skills. In J. Bellanca & R. Brandt (Eds.), 21st century skills: Rethinking how students learn (pp. 149–172). Bloomington, IN: Solution Tree Press.*