

Instructional Activity Worksheet: How the Seven Principles of Learning are integrated into the design and teaching

Principle	Design: How principles are incorporated	Practice: How principles are incorporated
<p>1. Principled Conceptual Knowledge. Learning with understanding is facilitated when new and existing knowledge is structured around major concepts and principles of the discipline.</p>		
<p>2. Prior Knowledge. Learners use what they already know to construct new understandings.</p>		
<p>3. Metacognition. Learning is facilitated through the use of metacognitive strategies that identify, monitor, and regulate cognitive processes.</p>		
<p>4. Differences Among Learners. Learners have different strategies, approaches, patterns of abilities, and learning styles that are a function of the interaction between their heredity and their prior experiences.</p>		
<p>5. Motivation. A learner's motivation to learn and sense of self affects what is learned, how much is learned, and how much effort will be put into the learning process.</p>		
<p>6. Situated Learning. The practices and activities in which people engage while learning shape what is learned.</p>		
<p>7. Learning Communities. Learning is enhanced through socially supported interactions.</p>		