Structure of Knowledge – Definitions of the Elements

Factual Knowledge	Discrete Skills
Facts: • declarative in nature • straightforward/accepted "truths" upon which a "theory" is based • do not transfer	Skills: • procedural in nature • simple, discrete procedures • means to a larger goal (e.g., sideline drills to prepare for the game) • limited transfer
Transferrable Concepts	Complex Processes
"big ideas" Concepts: • declarative in nature • abstract mental constructs stated as a word or short phrase • transferrable across topics and contexts	 Processes: procedural in nature complex combinations of skills to accomplish intended results transferrable within (sometimes across) disciplines
Principles or Generalizations: • abstractions linking two or more concepts • transferrable – help make sense of facts, skills, concepts and processes An Understanding: Students will understand that • stated as a full-sentence statement articulating the principle or generalization that we want learners to come to understand • an unobvious and important inference needing "uncoverage"	