



apply a systematic approach to solve problems.

<p>IDEAS "the fundamentals" "basic facts" "elemental concepts" "discrete skills"</p>	<p>CONNECTIONS "among the basic concepts" "between what was learned and what they already know"</p>	<p>EXTENSIONS "use new learning in novel ways, apart from the learning situation" "internalize the learning to such a degree that it helps to define them as people."</p>
<p>distinguishes between fact, opinion, assumption, and inference.</p> <p>identifies a problem.</p> <p>lists the key components of a problematic situation.</p> <p>articulates the steps/details of at least one problem-solving model accurately.</p> <p>applies a given problem-solving model in a routine situation.</p>	<p>analyzes a problem-solving situation to identify facts, opinions, assumptions, and inferences.</p> <p>prioritizes problems based on degree of control over the problem.</p> <p>compares and contrasts the benefits of at least two different problem-solving models/protocols.</p> <p>selects a problem-solving protocol based on the characteristics of the problem to be solved and the likelihood that its use will bring success.</p> <p>takes past problem-solving experiences into account in new problem-solving situations.</p> <p>monitors and explains personal problem-solving attempts.</p>	<p>chooses the most appropriate problem-solving model for a wide variety of problems.</p> <p>evaluates the effectiveness of solutions.</p> <p>adapts, combines or creates effective problem-solving protocols to address unfamiliar and emergent situations.</p> <p>makes plausible generalizations based on the problem-solving process and the solution to the problem.</p> <p>evaluates personal problem-solving behaviour with a view to refining strategies in the future.</p>