

IDEALS



A MODEL TO IMPROVE AND ANALYZE PROBLEM SOLVING

IDEALS is a strategy proposed by researcher Dr. Peter Facione to promote critical thinking, which one may use to analyze the problem at hand and find an effective way to solve it.

I- Identification

Identifying the question/real problem



D- Definition

Defining the facts that form the base of the problem

E-Enumeration

Exploring the possible ways to solve the problem



A- Analyzing

Analyzing and choosing the best plausible action

L- Listing Reasons

Listing out the reasons for selecting an action



S- Self-Correction

Looking back at it to check the effects of actions

References:

1. Teaching Critical Thinking and Problem Solving Skills; Lisa Gueldenzoph Snyder, Mark J. Snyder
2. Critical thinking: Essence for teaching mathematics and mathematics problem solving skills; Ebiendele Ebosele Peter