Chapter 5

Taxonomy for the Technology Domain

Introduction

Many educators accept teaching with technology as perhaps the most important instructional strategy to impact the classroom since the textbook. The Taxonomy for the Technology Domain offers an equivalent view for using technology to enhance student learning. Of course, the very nature of a taxonomy reduces in scope whatever is being categorized because of its tendency to artificially place items into all too convenient “pockets.” However, the benefits for teachers who understand the advantages of classifications greatly outweigh the limitations.

Research shows that teachers who use a classification scheme to prepare instructional learning objectives tend to produce successful student learning outcomes (Kibler, Barker, & Miles, 1970; Krathwohl & Bloom, 1984). The complete Taxonomy for the Technology Domain is shown in Figure 1.
Levels of the Taxonomy for the Technology Domain

The classification system proposed for the Technology Domain includes Literacy, Collaboration, Decision-Making, Infusion, Integration, and Technology. As with most taxonomies, each step offers a progressive level of...
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