Surfaquarium Bloom, Multiple Intelligences & Technology

These common-sense categories can help you assess the strengths and weaknesses of your software library, revealing which paths to learning you already support. Consider this through both Bloom's taxonomy and Gardner's intelligences:

	Tutorial	Assessment	Guided Practice	Independent Practice	Heuristic	Simulation	Productivity
Bloom's Levels of Thinking	Knowledge Comprehension	Knowledge Comprehension	Knowledge Comprehension Application	Knowledge Comprehension Application Analysis	Knowledge Comprehension Application Analysis Synthesis	Knowledge Comprehension Application Analysis Synthesis	Knowledge Comprehension Application Analysis Synthesis Evaluation
Gardner's Multiple Intelligences	Verbal Logical	Verbal Logical	Logical Verbal Musical Naturalist	Logical Verbal Musical Naturalist Intrapersonal	Logical Verbal Musical Naturalist Intrapersonal Interpersonal	Logical Verbal Musical Naturalist Intrapersonal Interpersonal Visual Existential Kinesthetic	Logical Verbal Musical Naturalist Intrapersonal Interpersonal Visual Existential Kinesthetic

Of course, the identified intelligences stimulated by any software are dependent upon the context in which an application is used. A tutorial application can be used to stimulate a number of intelligences if it is used in consort with other instructional tasks. Likewise, a productivity tool can be used as minimally as a word processor stimulating the verbal intelligence to show student understanding of vocabulary words at the knowledge level of Bloom. Context is the defining standard in applying Gardner's work. The categories I have suggested here are meant in general terms only, and can be modified based on your particular media selection and instructional technology practices.