

Table 3.2 Cognitive objectives and associated verbs

Quantitative phase		Qualitative phase		
Pre-Structural	Uni-structural	Multi-structural	Relational	Extended abstract
Biggs' SOLO				
Associated verbs	Identify; do simple procedures	Enumerate, describe, list, combine, do algorithms	Compare/contrast, explain, analyse, relate, apply	Theorize, generalize, reflect, hypothesize
Bloom's revised taxonomy	Remembering Recalling information	Understanding Explaining ideas or concepts	Applying Using information in another familiar situation	Evaluating Justifying a decision or course of action
Associated verbs	Recognizing, listing, describing, retrieving, naming, finding	Interpreting, summarizing, paraphrasing, classifying, explaining	Implementing, carrying out, using, executing	Checking, hypothesizing, critiquing, experimenting, judging
		Analysing Breaking information into parts to explore relationships	Comparing, organizing, deconstructing, interrogating, finding	Designing, constructing, planning, producing, inventing
		Creating Generating new ideas, products or ways of viewing things		
Simple				Complex

Sources: Anderson et al., 2000; Biggs et al., 2007

From "Learning & Teaching in Higher Education" by Light, Cox and Calkins