

Table 5.2 Matching Educational Methods to Objectives*

Educational Method	Type of Objective				
	Cognitive: Knowledge	Cognitive: Problem-Solving	Affective: Attitudinal	Psychomotor: Skills or Competence	Psychomotor: Behavioral or Performance
Readings	+++	+	+	+	
Lectures	+++	+	+	+	
Programmed learning	+++	++		+	
Discussion	++	++	+++	+	+
Reflection on experience			+++	+++	+++
Feedback on performance	+	++	++	+++	+++
Small-group learning	++	++	++	+	+
Problem-based learning	++	+++	+		+
Team-based learning	+++	+++	++	+	+
Learning projects	+++	+++	+	+	+
Role models		+	++	+	++
Demonstration	+	+	+	++	++
Role plays	+	+	++	+++	+
Artificial models and simulation	+	++	++	+++	+
Standardized patients	+	++	++	+++	+
Real life experiences	+	++	++	+++	+++
Audio or video review of learner	+			+++	+
Behavioral / environmental interventions**			+	+	+++

*blank = not recommended; + = Appropriate in some cases, usually as an adjunct to other methods; ++ = good match; +++ = excellent match (consensus ratings by author and editors).

** = Removal of barriers to performance; provision of resources that promote performance; reinforcements that promote performance.

Table from: Kern DE, Thomas PA, Hughes MT, eds. Curriculum Development for Medical Education: A Six-Step Approach. 2nd ed. Baltimore (MD): Johns Hopkins University Press; 2009. In Press.