

Varieties of Learning	Learned Capability Verb	Typical Instructional Strategies	Typical Means of Assessment
Verbal Information <ul style="list-style-type: none"> • <u>Verbatim learning</u>: names, labels, poems • <u>Non-verbatim learning</u>: facts • <u>Substantive learning</u>: organized information 	<ul style="list-style-type: none"> • List • State • Summarize 	<ul style="list-style-type: none"> • Drill and practice • Flip cards • Outlines • Concept Maps 	<ul style="list-style-type: none"> • Orally; by writing
Intellectual Skills <ul style="list-style-type: none"> • Problem Solving • Rules • Defined Concepts • Concrete Concepts • Discrimination 	<ul style="list-style-type: none"> • Generate • Demonstrate • Classify • Identify • Discriminate 	<ul style="list-style-type: none"> • PBL/TBL • Case-based learning • Roleplay • Authentic projects • Fishbowl • Jigsaw • Rule-Example-Practice • Worked examples • Fishbowl • Jigsaw • Rule-Example-Practice • Discussion • Jigsaw • Drill and practice • Drill and practice • Rule-Example-Practice • Drill and practice 	<ul style="list-style-type: none"> • By speaking, writing, or constructing a novel solution to a problem requiring use of several rules • Orally or in writing a product • By applying the rule orally, in writing, or by performing in context (<i>not</i> stating the rule) • By sorting correct and incorrect examples by <i>use</i> of a definition (<i>not stating</i> the definition) • By pointing, underlining, circling, etc. • By indicating same or different via pointing, underlining, or circling
Cognitive Strategies	<ul style="list-style-type: none"> • Adopt 	<ul style="list-style-type: none"> • Rule-Example-Practice • Study skills training (SQ3R) 	<ul style="list-style-type: none"> • Application of strategy during new learning activity
Motor Skills	<ul style="list-style-type: none"> • Execute 	<ul style="list-style-type: none"> • Guided practice • Putting through 	<ul style="list-style-type: none"> • By manual performance of new series of movements
Attitudes	<ul style="list-style-type: none"> • Choose 	<ul style="list-style-type: none"> • Role modeling • Situated learning 	<ul style="list-style-type: none"> • By engaging in an activity voluntarily • Often measured by proxy via instruments thought to be strongly correlated or to predict future behavior

Note: Many of these varieties may require the use of other varieties in a complete teaching context. For example, the executive script for a motor skill (first set stance, place bat on right shoulder, begin swing with hips, then shoulder) is taught as verbal information; the way to remember such a script might involve a mnemonic (cognitive strategy), etc.

Interested in learning more? Reach out to SMHS Education Resources instructional designers (777-4272).

