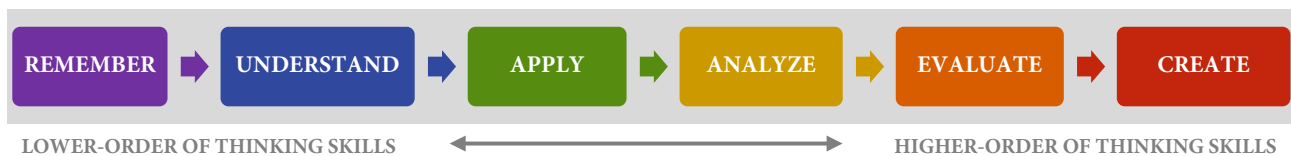**What is Bloom's Taxonomy?**

Bloom's Taxonomy is a hierarchical classification of the different levels of thinking and should be applied when creating learning objectives. Learning objectives are brief statements that describe what participants will be expected to learn by the end of the activity. The full power of learning objectives is realized when they are explicitly stated. Writing clear learning objectives are critical to designing and presenting education activities.

The framework consists of six major categories:

REMEMBER → UNDERSTAND → APPLY → ANALYZE → EVALUATE → CREATE

LOWER-ORDER OF THINKING SKILLS ←————————→ HIGHER-ORDER OF THINKING SKILLS

Three things which define a properly writting learning objective are:

- Related to and addresses an educational gap or need;
- Focus is primarily on what participants will be able to do/learn as a result of the activity;
- Best when precise and measurable;
- The objectives should be accomplished by the end of the learning activity.

CORRECTLY Written Learning Objectives - See page 2-3 for behavioral/measurable terms.

- **Identify** the instruments used in vitreous surgery
- **Explain** the principles of allergic reactions
- **Summarize** how to implement spaced follow-up billing procedures
- **Describe** the name and extent of the problem

POORLY Written Learning Objectives - See page 3 for terms to avoid.

- **Understand** the principles of allergic reactions
- **Be familiar with** the instruments used in vitreous surgery
- **Confidently be able to determine** the nature and extent of the problem
- **Know** the need for spaced billing procedures

BEHAVIORAL/MEASURABLE TERMS

Upon completion of this course the participants should be able to:

REMEMBER

cite	identify	quote	relate	tabulate
count	indicate	read	repeat	tell
define	list	recite	select	trace
describe	name	recognize	state	update
draw	point	record	summarize	write

UNDERSTAND

assess	contrast	distinguish	interpolate	restate
associate	demonstrate	estimate	interpret	review
classify	describe	explain	locate	translate
compare	differentiate	express	predict	
compute	discuss	extrapolate	report	

APPLY

apply	employ	match	relate	sketch
calculate	examine	operate	report	solve
choose	illustrate	order	restate	translate
complete	interpolate	practice	review	treat
demonstrate	interpret	predict	schedule	use
develop	locate	prescribe	select	utilize

ANALYZE

analyze	criticize	diagram	infer	question
appraise	debate	differentiate	inspect	separate
contract	deduce	distinguish	inventory	summarize
contrast	detect	experiment	measure	

EVALUATE

appraise	critique	evaluate	rank	score
assess	decide	grade	rate	select
choose	determine	judge	recommend	test
compare	estimate	measure	revise	

CREATE

arrange	construct	document	manage	prescribe
assemble	create	formulate	organize	propose
collect	design	generalize	plan	specify
combine	detect	integrate	prepare	validate
compose				

THOSE THAT CONVEY ATTITUDE

acquire	exemplify	plan	reflect	transfer
consider	modify	realize	revise	

THOSE THAT IMPART SKILLS

demonstrate	hold	massage	pass	transfer
diagnose	integrate	measure	percuss	visualize
diagram	internalize	operate	project	write
empathize	listen	palpate	record	

WORDS TO AVOID

These verbs and phrases are not measurable learning verbs and should never be used.

appreciate	expand	increase interest
be acquainted with	expand horizons	internalize
be familiar with	grasp the significance of	know
become	grow	learn perceive
believe	have an awareness of	really know
better	have faith in	remember
comprehend	improve	study
cover	increase	understand
enjoy		