

The Art of Workshop Design to Enhance Trainee Learning and Engagement

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Active Learning Credo:

What I *hear*, I forget.

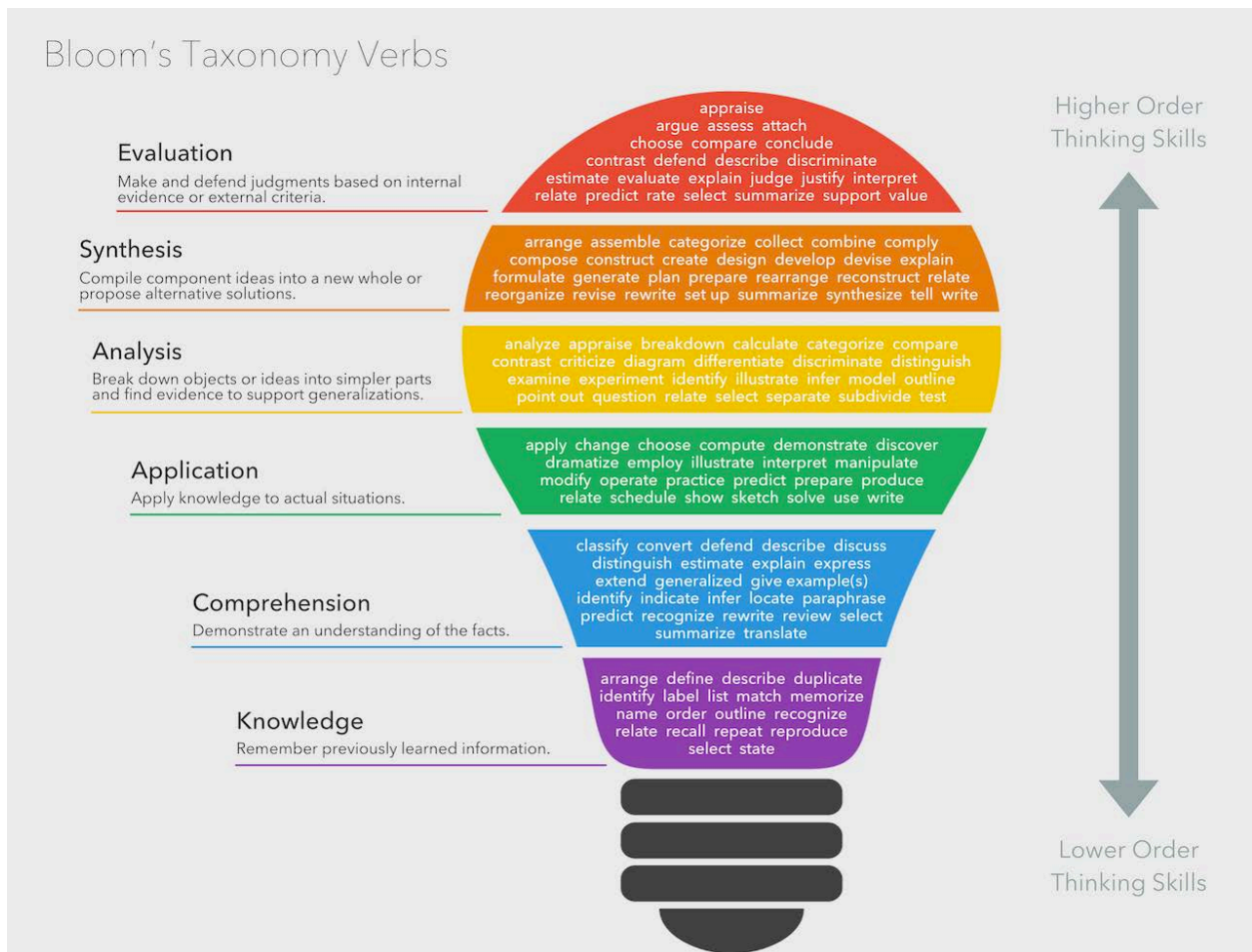
What I hear and *see*, I remember a little.

What I hear, see, and *ask questions about* or *discuss with someone else*, I begin to understand.

What I hear, see, discuss, and *do*, I acquire knowledge and skill.

What I *teach to another*, I master.

Mel Silberman (1996)



<http://www.fractuslearning.com/2016/01/25/blooms-taxonomy-verbs-free-chart/> (Shared through CreativeCommons)

Technology Resources

Tool	Website	Description	Cost	Internet Requirement
Socrative	www.socrative.com	Real-time questioning ability with audience response, result aggregation, and visualization	Free	Yes
Poll Everywhere	www.polleverywhere.com	Real-time audience response system and visualization utilizing multiple devices	Free*	Yes
Prezi	www.prezi.com	Cloud-based program allowing non-linear presentation styles	\$ - \$\$\$	No**
PowToon	www.powtoon.com	"Story telling" instead of "fact telling" presentations using animations	Free*	No
Keynote	Download from Apple Store	Mac-based PowerPoint equivalent	\$	No
Explain Everything	www.explaineverything.com	Interactive screencasting whiteboard app	Free trial then \$ - \$\$	No**
Near Pod	www.nearpod.com	Ability for interactive lessons and real-time assessment using this learning management system	Free*	Yes

* - Base packages are free but advanced packages may require payment (one-time or subscription)

** - Upgraded packages provide opportunity to work off-line or some functionality does not require internet connectivity

Additional Resources

Morrison J. ABC of learning and teaching in medicine: Evaluation. *BMJ*. 2003; 326: 385-387.

Roberts DH, Newman LR, and Schwartzstein RM. Twelve tips for facilitating Millennials' learning. *Med Teach*. 2012; 34: 274-278.

Schwartz M. Running a successful workshop. Retrieved from:
<http://www.ryerson.ca/content/dam/lt/resources/handouts/TeachingWorkshops.pdf>

Spagnoletti C, et al. Workshop preparation and presentation: A valuable form of scholarship for the clinician-educator. *J Grad Med Ed*. 2013; 5(1): 155-156.

Spagnoletti C, et al. Workshop preparation and presentation: A valuable form of scholarship for the academic physician. Retrieved from:
<https://www.aamc.org/download/358432/data/toolkitworkshoppresentations.pdf>

Steinert Y and Ouellet MN. A workbook on designing successful workshops. Retrieved from:
<https://www.mcgill.ca/medicinefacdev/files/medicinefacdev/DesigningWorkshopsWorkbook.pdf>