







Abstract

Bloom's Digital Taxonomy

It is considered a valuable planning tool for instructors and instructional designers of online courses. The focus of this revised edition is to provide guidance to the user to facilitate the selection and integration of Web 2.0 tools to instructional activities, which strengthens the instructional design of online courses. Its application meets the demands of learning technology in the 21st Century.

Bloom's Taxonomy Background



Bloom's Taxonomy (1956)
Taxonomy of Educational Objectives



Anderson & Krathwohl (2001).
A Taxonomy for Learning, Teaching & Assessing: A Revision of Bloom's Taxonomy of Educational Objectives



Andrew Churches (2007)
Bloom's Digital Taxonomy

Images: <http://od.pbsstatic.com/06/0106/9780382280106.jpg>
<http://images.pearsonedema.com/jpeg/large/9780321084057.jpg>
https://enr.pbs4-bn0.pbsstatic.com/images/?=bn-AN93Gp/OCqwrB5v7sLg_S4O-P4SN_B8Ecp-VFNzhGk0ZvntDE2U

Changes (Anderson & Krathwohl, 2001)

- categories nouns to verbs
- creating added at the top
- evaluation moved to a lower place




Images: <http://www.learnnc.org/p/medial/misc/2008/bloomsold275.png>
http://www.learnnc.org/p/medial/misc/2008/blooms_new275.png

Bloom's Digital Taxonomy (2007)

- planning tool
- meets technology learning demands of the 21st Century digital skills*
- match Web 2.0 technologies with learning activities in each cognitive level*
- useful to
 - develop instructional objectives
 - select digital activities



<http://edorigami.wikispaces.com/file/view/bloom%27s+Digital+taxonomy+v3.0+1.pdf>

*Source: The ELearning Guild (2013)
Image: https://encrypted-tbn0.gstatic.com/images?q=tbn:ANR9G-RoGQwv8f57slg_S4O-P5N1_BBEcyFNZHGk0ZnTDE2uI

Web 2.0 Tools



Image: <http://www.flickr.com/photos/stabilo-boss/93136022/sizes/c/>

Bloom's Cognitive Levels and Web 2.0 tools

Creating generate new products, ideas, or ways of viewing things	→ prezi.com	
Evaluating make judgments based on criteria and standards through checking & critiquing	→ https://moot.it/	
Analyzing separate a whole into parts and determine their relationships	→ www.mindmup.com/	
Applying implementing a procedure where learned material is related to a new situation	→ www.glify.com	
Understanding construct meaning from written or graphical formats	→ www.pinterest.com	
Remembering Retrieve relevant knowledge from long-term memory	→ www.flickr.com	

Adapted from: Castleberry ISD (<http://www.castleberryisd.net/>)

Practice

- Using tables 1 and 2 as a guide, develop a learning activity for an forthcoming lesson at any of the cognitive levels of Bloom's Revised Taxonomy.

- Match the learning activity with the appropriate Web 2.0 tool and justify your selection.

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