

DO YOU REALLY UNDERSTAND THE TOPIC?

© 2014-2015 James Bier

1. remember the basic information in the topic
 - a. define vocabulary
 - b. memorize “factual” information
2. understand the basic concepts of the topic
 - a. explain how something occurs
 - b. classify these objects
3. apply knowledge to solving problems
 - a. solve a mathematical equation
 - b. sketch how something works
4. analyze information
 - a. contrast between two similar objects
 - b. design tests to discriminate between two hypotheses
5. evaluate the validity of ideas
 - a. defend someone’s position on a topic
 - b. judge the strengths and weaknesses of an argument
6. create new ideas from previous knowledge
 - a. construct new hypotheses from the results of previous tests
 - b. design novel perspectives to understand a situation

Adapted from: Anderson, L.W. & Krathwohl, D.R. (ed.), (2001). *A taxonomy for learning, teaching, and assessing: A revision of Bloom’s Taxonomy of Educational Objectives* (Complete edition). New York: Longman.