

# Bloom's revised taxonomy

## with matched sample verbs, learning outcomes and assessment tasks

Taxonomy <sup>1</sup>	Example Active Verbs <sup>2,3,4,5</sup>	Example Unit of Study Learning Outcomes	Example Assessment Tasks
<b>Create</b> Putting elements together to form a novel, coherent whole or make an original product	Create, generate, plan, produce, invent, imagine, frame, fabricate, develop, design, devise, initiate, craft, build, construct, set up, compose, write, argue, teach, theorise	Argue for reform of selected areas of criminal procedure.  Design new products according to the conditions of minimal environmental cost.	Model or product, editorial, portfolio, performance test, presentation, poster, project, design plan, business plan, treatment plan, exhibition, simulation, game, website, audio and/or video-taped interview, video, position paper, conference paper, letter to the editor, letter to client, reflective journal, report
<b>Evaluate</b> Making judgments based on criteria and standards	Evaluate, check, critique, value, appraise, assess, judge, rank, rate, gauge, estimate, approximate, calculate, compute, quantify, determine, ascertain, weigh, measure, review, justify, predict, decide	Assess the resources needed for an interactive digital media project.  Evaluate different theoretical approaches in the study of personality.	Essay, report, letter of advice, presentation, briefing paper, article or book review, literature review, article for foreign newspaper or magazine, reflective journal, written exam <sup>†</sup>
<b>Analyse</b> Breaking material into its constituent parts and detecting how the parts relate to one another and to an overall structure or purpose	Analyse, differentiate, organise, attribute, separate, dissect, examine, investigate, study, critique, estimate, test, diagnose, explore, consider, distinguish, compare, contrast	Analyse risk management strategies for investment decisions.  Examine regional identities within the Sydney basin from 1788 to the present.	Essay, literature review, problem scenario analysis, group work report, work-based problem analysis, critical incident analysis, committee inquiry report, case study report, reflective journal, written exam <sup>†</sup>
<b>Apply</b> Carrying out or using a procedure in a given situation	Apply, perform, execute, implement, use, utilise, employ, operate, exercise, practise, solve, carry out, verify, conduct	Apply ethical frameworks associated with the provision of holistic nursing care.  Carry out the basic experimental procedures of DNA cloning.	Performance test, direct observation, clinical assessment, mini practical, employer's report, case study report, lab or field report, illustrated manual, simulated interview, audio and/or video-taped interview, video, debate, role play, moot trial, viva, written exam <sup>†</sup>
<b>Understand</b> Determining the meaning of instructional messages, including oral, written, and graphic communication	Interpret, exemplify, classify, summarise, infer, compare, explain, perceive, discern, deduce, relate, conclude, describe, define, outline, discuss, illustrate	Explain how strategic cost management can be used in the creation of competitive advantage.  Describe the ways in which gene expression is regulated in both prokaryotes and eukaryotes.	Essay, report, presentation, poster, project, annotated bibliography, glossary, encyclopaedia entry, written exam <sup>†</sup> , multiple-choice questions
<b>Remember</b> Retrieving relevant knowledge from memory	Recognise, recall, memorise, list, name, recite, identify, label, select, state, organise	Identify the major organs of the immune system.  Recognise architectural technical drafting symbols.	Multiple-choice exam, true-false questions, short answer questions, matching task

<sup>†</sup> May include short answer and essay type questions.

<sup>1</sup> Source: Krathwohl, D. R. (2002). A revision of Bloom's taxonomy: An overview. *Theory into Practice*, 41(4), 212-218.

<sup>2</sup> Ibid.

<sup>3</sup> Urdang, L. (1991). *The Oxford thesaurus*. Oxford: Clarendon Press.

<sup>4</sup> (n.d.). *Roger's II: The new thesaurus*. Third Edition, from Thesaurus.com website: <http://thesaurus.reference.com/browse/apply>

<sup>5</sup> Microsoft® Office Word 2003 thesaurus.