

Elaboration of the six levels of thinking in Bloom's taxonomy

1 Remembering <i>Can the student RECALL information?</i>	2 Understanding <i>Can the student EXPLAIN ideas or concepts?</i>	3 Applying <i>Can the student USE the new knowledge in another familiar situation?</i>	4 Analysing <i>Can the student DIFFERENTIATE between and RELATE constituent parts?</i>	5 Evaluating <i>Can the student JUSTIFY an opinion, decision or course of action?</i>	6 Creating <i>Can the student GENERATE new products, ideas or ways of viewing things?</i>	
<p>Recognising Locating knowledge in memory that is consistent with presented material. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Identifying • Finding • Selecting • Indicating <p>Recalling Retrieving relevant knowledge from long-term memory. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Retrieving • Naming • Reproducing • Recounting 	<p>Interpreting Changing from one form of representation to another <u>Synonyms:</u></p> <ul style="list-style-type: none"> • Paraphrasing • Translating • Representing • Clarifying • Converting • Rewriting • Restating • Expressing <p>Exemplifying Finding a specific example or illustration of a concept or principle <u>Synonyms</u></p> <ul style="list-style-type: none"> • Instantiating • Illustrating... • Representing • Giving examples of • Showing <p>Classifying Determining that something belongs to a category (e.g., concept or principle). <u>Synonyms</u></p> <ul style="list-style-type: none"> • Categorising • Subsuming • Organising 	<p>Summarising Drawing a logical conclusion from presented information. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Abstracting • Generalising • Outlining • Précising <p>Inferring Abstracting a general theme or major point <u>Synonyms</u></p> <ul style="list-style-type: none"> • Extrapolating • Interpolating • Predicting • Concluding • Extending • Generalising <p>Comparing Detecting correspondences between two ideas, objects, etc <u>Synonyms</u></p> <ul style="list-style-type: none"> • Contrasting • Matching • Mapping <p>Explaining Constructing a cause-and-effect model of a system. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Elucidating • Constructing models 	<p>Executing Applying knowledge (often procedural) to a routine task. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Carrying out • Measuring • Constructing • Demonstrating • Computing • Calculating • Manipulating • Operating • Preparing • Producing • Drawing up • Practising <p>Implementing Applying knowledge (often procedural) to a non-routine task. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Using • Estimating • Predicting • Solving • Changing • Discovering • Explaining how • Verifying • Finding 	<p>Differentiating Distinguishing relevant from irrelevant parts or important from unimportant parts of presented material. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Discriminating • Selecting • Focusing • Distinguishing between • Separating • (Sub)dividing • Examining • Relating <p>Organising Determining how elements fit or function within a structure. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Outlining • Structuring • Integrating • (Re)arranging • Categorising • Ordering • Deriving <p>Attributing Determining the point of view, bias, values, or intent underlying presented material. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Deconstructing • Comparing • Contrast ing • Diagnosing 	<p>Checking Detecting inconsistencies or fallacies within a process or product. Determining whether a process or product has internal consistency. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Testing • Detecting • Monitoring • Concluding • Assessing • Appraising • Discriminating • Determining <p>Critiquing Detecting the appropriateness of a procedure for a given task or problem. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Judging • Questioning • Justifying • Defending • Discussing • Criticising • Arguing • Including • Rating • Ranking • Valuing 	<p>Generating Coming up with alternatives or hypotheses based on criteria <u>Synonyms</u></p> <ul style="list-style-type: none"> • Hypothesizing • Proposing • Developing • Engendering • Synthesising • Providing options <p>Planning Devising a procedure for accomplishing some task. <u>Synonyms</u></p> <ul style="list-style-type: none"> • Designing • Formulating • Combining • Compiling • Devising • Revising • Putting together • Suggesting <p>Producing Inventing a product <u>Synonyms</u></p> <ul style="list-style-type: none"> • (Re)constructing • Composing • Modifying • Altering • Building • Enlarging

From "Revised Bloom's Taxonomy" retrieved 20 May, 2005 from <http://rite.ed.gut.edu.au/oz-teachernet/index.php?module=ContentExpress&func=display&ceid=29> and *Using Learning Outcomes to Design a Course and Assess Learning Outcomes*.
http://www.hlst.heacademy.ac.uk/guide/current_practice/Learning.html and Moon, J. Linking Levels, Learning Outcomes and Assessment Criteria. Retrieved 30 May, 2007, from http://www.see-educoop.net/education_in/pdf/edinburgh-moon-oth-enl-t02.pdf

Assessment resource developed by Dr Clair Hughes (TEDI/The University of Queensland)