

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-102.pdf

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