

## Bloom's Taxonomy in practice - a hierarchy of thinking skills

| Category   | Level 1 (NC Level 1, 2)<br>Knowledge   | Level 2 (NC Level 2, 3)<br>Comprehension  | Level 3 (NC Level 4)<br>Application  | Level 4 (NC Level 4, 5)<br>Analysis <small>higher order</small>  | Level 5 (NC Level 5, 6)<br>Synthesis <small>higher order</small>  | Level 6 (NC Level 7, 8+)<br>Evaluation <small>higher order</small>   |
|--|--|---|--|--|---|--|
| Description  | Information Gathering  | Confirming  | Making use of knowledge  | Taking apart   | Putting Together  | Judging outcomes   |
| The skills demonstrated at this level are those of : | <ul style="list-style-type: none"> <li>• observation and recall of information;</li> <li>• knowledge of dates, events, places;</li> <li>• knowledge of major ideas;</li> <li>• mastery of subject matter.</li> </ul>   | <ul style="list-style-type: none"> <li>• understanding information;</li> <li>• grasping meaning;</li> <li>• translating knowledge into a new context;</li> <li>• interpreting facts,</li> <li>• comparing,</li> <li>• contrasting;</li> <li>• inferring causes;</li> <li>• predicting consequences.</li> </ul>  | <ul style="list-style-type: none"> <li>• using information;</li> <li>• using methods, concepts, theories in new situations;</li> <li>• solving problems using required skills or knowledge.</li> </ul>   | <ul style="list-style-type: none"> <li>• seeing patterns;</li> <li>• organization of parts;</li> <li>• recognition of hidden meanings;</li> <li>• identification of components.</li> </ul>   | <ul style="list-style-type: none"> <li>• using old ideas to create new ones;</li> <li>• generalising from given facts;</li> <li>• relating knowledge from several areas;</li> <li>• predicting, drawing conclusions.</li> </ul>   | <ul style="list-style-type: none"> <li>• comparing and discriminating between ideas;</li> <li>• assessing value of presentations;</li> <li>• making choices based on reasoned argument;</li> <li>• verifying value of evidence;</li> <li>• recognising subjectivity.</li> </ul>  |
| What the student does :                              | <i>Student recalls or recognizes information, ideas, and principles in the approximate form in which they were learned.</i>  | <i>Student translates, comprehends, or interprets information based on prior learning.</i>  | <i>Student selects, transfers, and uses data and principles to complete a problem or task.</i>   | <i>Student distinguishes, classifies, and relates the assumptions, hypotheses, evidence, or structure of a statement or question.</i>  | <i>Student originates, integrates, and combines ideas into a product, plan or proposal that is new to him or her.</i>   | <i>Student appraises, assesses, or critiques on a basis of specific standards and criteria.</i>  |
| Sample trigger words :                               | <ul style="list-style-type: none"> <li>• define</li> <li>• list</li> <li>• label</li> <li>• name</li> <li>• identify</li> <li>• repeat</li> <li>• who</li> <li>• what</li> <li>• when</li> <li>• where</li> <li>• tell</li> <li>• describe</li> <li>• collect</li> <li>• examine</li> <li>• tabulate</li> <li>• quote</li> </ul> | <ul style="list-style-type: none"> <li>• predict</li> <li>• estimate</li> <li>• differentiate</li> <li>• extend</li> <li>• summarize</li> <li>• describe</li> <li>• interpret</li> <li>• discuss</li> <li>• extend</li> <li>• contrast</li> <li>• distinguish</li> <li>• discuss</li> <li>• explain</li> <li>• paraphrase</li> <li>• illustrate</li> <li>• compare</li> </ul> | <ul style="list-style-type: none"> <li>• apply</li> <li>• demonstrate</li> <li>• complete</li> <li>• illustrate</li> <li>• show</li> <li>• examine</li> <li>• modify</li> <li>• relate</li> <li>• change</li> <li>• classify</li> <li>• discover</li> <li>• use</li> <li>• compute</li> <li>• solve</li> <li>• construct</li> <li>• calculate</li> </ul> | <ul style="list-style-type: none"> <li>• separate</li> <li>• order</li> <li>• explain</li> <li>• connect</li> <li>• divide</li> <li>• compare</li> <li>• select</li> <li>• explain</li> <li>• infer</li> <li>• arrange</li> <li>• classify</li> <li>• analyse</li> <li>• categorize</li> <li>• compare</li> <li>• contrast</li> <li>• extract</li> </ul> | <ul style="list-style-type: none"> <li>• combine</li> <li>• integrate</li> <li>• rearrange</li> <li>• substitute</li> <li>• plan</li> <li>• create</li> <li>• design</li> <li>• prepare</li> <li>• compose</li> <li>• modify</li> <li>• create</li> <li>• design</li> <li>• hypothesize</li> <li>• develop</li> <li>• formulate</li> <li>• rewrite</li> </ul> | <ul style="list-style-type: none"> <li>• decide</li> <li>• test</li> <li>• measure</li> <li>• judge</li> <li>• explain</li> <li>• compare</li> <li>• summarize</li> <li>• assess</li> <li>• justify</li> <li>• discriminate</li> <li>• convince</li> <li>• conclude</li> <li>• select</li> <li>• rank</li> <li>• predict</li> <li>• argue</li> </ul> |