# Bloom’s Taxonomy of THINKING

**KNOWLEDGE** is the remembering of previously learned material.

<table>
<thead>
<tr>
<th>who</th>
<th>when</th>
<th>recall</th>
<th>list</th>
<th>name</th>
<th>identify</th>
</tr>
</thead>
<tbody>
<tr>
<td>what</td>
<td>why</td>
<td>record</td>
<td>locate</td>
<td>tell</td>
<td>recognize</td>
</tr>
<tr>
<td>where</td>
<td>how</td>
<td>recite</td>
<td>label</td>
<td>define</td>
<td>outline</td>
</tr>
</tbody>
</table>

**COMPREHENSION** is the ability to grasp the meaning of material.

<table>
<thead>
<tr>
<th>retell</th>
<th>describe</th>
<th>summarize</th>
<th>explain</th>
</tr>
</thead>
<tbody>
<tr>
<td>interpret</td>
<td>paraphrase</td>
<td>give examples</td>
<td>rewrite</td>
</tr>
<tr>
<td>conclude</td>
<td>demonstrate</td>
<td>show</td>
<td>infer</td>
</tr>
</tbody>
</table>

**APPLICATION** is the ability to use learned material in new situations by applying knowledge and comprehension.

<table>
<thead>
<tr>
<th>apply</th>
<th>convert</th>
<th>construct</th>
<th>develop</th>
</tr>
</thead>
<tbody>
<tr>
<td>make</td>
<td>illustrate</td>
<td>solve</td>
<td>plan</td>
</tr>
<tr>
<td>predict</td>
<td>manipulate</td>
<td>modify</td>
<td>transfer</td>
</tr>
<tr>
<td>interpret</td>
<td>restructure</td>
<td>relate</td>
<td>graph</td>
</tr>
</tbody>
</table>

**ANALYSIS** is the ability to break down material into its parts so that its structure can be understood.

<table>
<thead>
<tr>
<th>analyze</th>
<th>categorize</th>
<th>classify</th>
<th>compare</th>
</tr>
</thead>
<tbody>
<tr>
<td>contrast</td>
<td>dissect</td>
<td>detect</td>
<td>diagram</td>
</tr>
<tr>
<td>inspect</td>
<td>order</td>
<td>divide</td>
<td>simplify</td>
</tr>
<tr>
<td>distinguish</td>
<td>differentiate</td>
<td>examine</td>
<td>draw conclusions</td>
</tr>
</tbody>
</table>

**SYNTHESIS** is the ability to put together parts into a new pattern or whole.

<table>
<thead>
<tr>
<th>synthesize</th>
<th>combine</th>
<th>compile</th>
<th>compose</th>
</tr>
</thead>
<tbody>
<tr>
<td>create</td>
<td>design</td>
<td>formulate</td>
<td>imagine</td>
</tr>
<tr>
<td>invent</td>
<td>predict</td>
<td>arrange</td>
<td>modify</td>
</tr>
<tr>
<td>improve</td>
<td>propose</td>
<td>change</td>
<td>rewrite</td>
</tr>
</tbody>
</table>

**EVALUATION** is the ability to judge the value of material for a given purpose and based on definite criteria.

<table>
<thead>
<tr>
<th>argue</th>
<th>conclude</th>
<th>critique</th>
<th>criticize</th>
</tr>
</thead>
<tbody>
<tr>
<td>defend</td>
<td>judge</td>
<td>justify</td>
<td>evaluate</td>
</tr>
<tr>
<td>support</td>
<td>validate</td>
<td>disprove</td>
<td>decide</td>
</tr>
<tr>
<td>rate</td>
<td>appraise</td>
<td>determine</td>
<td>agree</td>
</tr>
</tbody>
</table>

Jan Massmann 1998