Bloom's Taxonomy

1. **Knowledge**: arrange, define, duplicate, label, list, memorize, name, order, recognize, relate, recall, repeat, reproduce, state.

2. **Comprehension**: classify, describe, discuss, explain, express, identify, indicate, locate, recognize, report, restate, review, select, translate.

3. **Application**: apply, choose, demonstrate, dramatize, employ, illustrate, interpret, operate, practice, schedule, sketch, solve, use, write.

4. **Analysis**: analyze, appraise, calculate, categorize, compare, contrast, criticize, differentiate, discriminate, distinguish, examine, experiment, question, test.

5. **Synthesis**: arrange, assemble, collect, compose, construct, create, design, develop, formulate, manage, organize, plan, prepare, propose, set up, write.

6. **Evaluation**: appraise, argue, assess, attach, choose, compare, defend, estimate, judge, predict, rate, core, select, support, value, evaluate.

Benjamin Bloom created this taxonomy for categorizing *levels of abstraction of questions* commonly used in education.

<table>
<thead>
<tr>
<th>Competence</th>
<th>Demonstrated Skills</th>
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| **1. Knowledge** | observation and recall of information  
knowledge of dates, events, places  
knowledge of major ideas  
mastery of subject matter  
*Question Cues*: list, define, tell, describe, identify, show, label, collect, examine, tabulate, quote, name, who, when, where |
| **2. Comprehension** | understanding information  
grasp meaning  
translate knowledge into new context  
interpret facts, compare, contrast  
order, group, infer causes  
predict consequences  
*Question Cues*: summarize, describe, interpret, contrast, predict, associate, distinguish, estimate, differentiate, discuss, extend |
| **3. Application** | use information  
use methods, concepts, theories in new situations  
solve problems using required skills or knowledge  
*Question Cues*: apply, demonstrate, calculate, complete, illustrate, show, solve, examine, modify, relate, change, classify, experiment, discover |
| **4. Analysis** | seeing patterns  
organization of parts  
recognition of hidden meanings  
identification of components  
*Question Cues*: analyze, separate, order, explain, connect, classify, arrange, divide, compare, select, explain, infer |
| **5. Synthesis** | use old ideas to create new ones  
generalize from given facts  
relate knowledge from several areas  
predict, draw conclusions  
*Question Cues*: combine, integrate, modify, rearrange, substitute, plan, create, design, invent, what if?, compose, formulate, prepare, generalize, rewrite |
| **6. Evaluation** | compare and discriminate between ideas  
avassess value of theories, presentations  
make choices based on reasoned argument  
verify value of evidence  
recognize subjectivity  
*Question Cues*: assess, decide, rank, grade, test, measure, recommend, convince, select, judge, explain, discriminate, support, conclude, compare, summarize |

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