**Bloom et al.’s Cognitive Taxonomy**

Revised (with Synthesis/Create and Evaluation/Evaluate switched)

Need to define for each academic area and unit

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| **Knowledge Dimension** | | **Cognitive Process** | | | | | |
| **Remember** | **Understand** | **Apply** | **Analyze** | **Evaluate** | **Create** |
| **Factual Knowledge** | Terminology Elements & Components | Label maps  List names | Interpret paragraph  Summarize book | Use math algorithm | Categorize words | Critique article | Create short story |
| **Conceptual Knowledge** | Categories Principles  Theories | Define levels of cognitive taxonomy | Describe taxonomy in own words | Write objectives using taxonomy | Differentiate levels of cognitive taxonomy | Critique written objectives | Create new classification system |
| **Procedural Knowledge** | Specific Skills & Techniques | List steps in problem solving | Paraphrase problem solving process in own words | Use problem solving process for assigned task | Compare convergent and divergent techniques | Critique appropriateness of techniques used in case analysis | Develop original approach to problem solving |
| **Meta-cognitive Knowledge** | General Knowledge  Self- Knowledge | List elements of personal learning style | Describe implications of learning style | Develop study skills appropriate to learning style | Compare elements of dimensions in learning style | Critique appropriateness of particular learning style theory to own learning | Create an original learning style theory |

Based on <http://www.edpsycinteractive.org/topics/cognition/bloom.html>