ASSESSMENT IN HIGHER EDUCATION
Biggs’ Solo (Structure of the Observed Learning Outcome) Taxonomy

Biggs’ Solo (Structure of the Observed Learning Outcome) Taxonomy, is a systematic way of describing how a learner’s performance develops from simple to complex levels in their learning. There are 5 stages, namely Pre-structural, Uni-structural, Multi-structural which are in a quantitative phrase and Relational and Extended Abstract which are in a qualitative phrase.

SOLO Taxonomy

![SOLO Taxonomy Diagram]

5 Levels in the SOLO Taxonomy

- **Pre-structural**: Verbs: misses point
- **Uni-structural**: Verbs: Identify, do simple procedure
- **Multi-structural**: Verbs: enumerate, describe, list, combine, do algorithms
- **Relational**: Verbs: compare, contrast, explain, causes, analyze, relate
- **Extended Abstract**: Verbs: theorize, generalize, hypothesize, reflect

Information at each level

- The integrated body of knowledge can be transformed into the higher level of abstract and be generalized to a new topic of the subject
- Different aspects of students’ understanding have been integrated into a coherent body of knowledge
- Students’ understanding focuses on several relevant aspects, but is treated as independent objects and concepts
- Students’ understanding focuses on only one relevant aspect of the subject
- Students only understand the subject at the individual word level, usually miss the point and uses too simple way of thinking about it

Web References and Resources


To reference these pages

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