

The effective use of concept maps in the context of problem based learning

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ABSTRACT

A famous quotation in English states 'To map is to know'. Concept maps have been considered useful in the context of problem-based learning. It can be used as a brainstorming /organizing tool, a presentation tool and for assessment. While the concept map is a useful and powerful too, before using concept maps in education both the student and the teacher should be familiar with the nuances and limitation of the same. In this workshop the main themes covered will be:

- Types of maps and the theories behind them – concept maps, mind maps, argument maps. Rationale and justification of using specific types of maps in PBL. Advantages, and disadvantages of each type of . Principles of construction of concept maps and how to evaluate quality of maps.
- Best practices in the use of concept maps in problem based learning
- Practical tips and tricks

The workshop will combined didactic components and hands on practice. Total duration – 2 hours

KEYWORDS

Concept maps, mind maps, argument maps, problem based learning

LEARNING OBJECTIVES:

At the end of the session each candidate will be able to

- 1.Understand the rationale and principles of concept maps
- 2.Describe different types of mapping techniques and discuss their respective advantages and disadvantages

3. Apply each type of map practically

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