Peer-assisted Learning Model in Toxicology Laboratory

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Overview:

Peer-assisted learning has been effectively used in many higher education. The peer tutors sharing knowledge by using language that their learners understand and student learners feel more comfortable with peer teachers because of their similar social roles which enhance confidence and motivation.

Aims and Objectives:

To enhance students learning scores by peer-assisted learning.

Activities:

The students were randomly divided into ten groups (7 students/groups)

Pre-class phase	In-class phase
Manual Lab, Lecture notes, references list	Pre-test
Small group discussion	Student took the instructor's role
Lecturer provided feedback	Laboratory section
Student tutor prepared presentation	Post-test
Pre- Laboratory testing	Student tutor wrap up and
Lecturer provided feedback	summary important concepts
Feedback questionnaires : satisfaction and improvement	

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Outcome:

- The post-test higher than pre-test score about 50%.
- Most of students (74%) were satisfied with peer-assisted learning model which enhanced student engagement, communication skill in comfortable and relaxed learning environment.

Impact:

Some students (16%) suggested that lecturer teaching should be better than their peer because student's knowledge is not enough to increase lab skills.

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